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September 8, 2004, 15:58:47; Search time 124 Seconds (without alignments) 40.654 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1298764 seqs, 315065143 residues
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Maximum Match 100%
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Gapop 10.0 , Gapext 0.5
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1 DWVCEFLKMQWACNVL 16
                                                                                                                                                                                                                                                                                                                          US-09-825-517A-151
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Maximum DB seq length: 200000000
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Perfect score:
Sequence:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		Query		1	;		
Score	re	Match	Length	DB	ID	Description	
	98	100.0	16	11	US-09-825-517A-49	Sequence 49, Appl	걶
	86	100.0	16	11	US-09-825-517A-151	Sequence 151, Ap	g.
	63	94.9	16	11	US-09-825-517A-125	Sequence 125, Ap	g
	93	94.9	16	11	US-09-825-517A-142	Sequence 142, Ap	d
	92	93.9	16	11	US-09-825-517A-112	Sequence 112, Ap	a
	92	93.9	16	11	US-09-825-517A-122	122,	9
	92	93.9	16	11	US-09-825-517A-140	Sequence 140, App	g
	90	91.8	16	11	US-09-825-517A-54	Sequence 54, App	5
	90	91.8	16	11	US-09-825-517A-138	Sequence 138, Ap	ac
	90	91.8	16	11	US-09-825-517A-143	Sequence 143, Ap	d
	84	85.7	16	11	US-09-825-517A-80	Sequence 80, App	7
	84	85.7	16	11	US-09-825-517A-147	Sequence 147, App	g.
	83	84.7	16	11	US-09-825-517A-75	Sequence 75, App	7
	83	84.7	16	11	US-09-825-517A-76	76,	5
	83	84.7	16	11	US-09-825-517A-135	Sequence 135, Ap	g

Sequence 141, App Sequence 104, App Sequence 137, App Sequence 67, Appl Sequence 101, Appl	106, 86, 107,	126, 127, 150,	59, 139, 78,	105, 113, 65,	Sequence 82, Appl Sequence 114, App Sequence 116, App Sequence 148, App	133, 146, 100,	Sequence 115, App Sequence 130, App Sequence 144, App Sequence 56, Appl Sequence 88, Appl
US-09-825-517A-141 US-09-825-517A-104 US-09-825-517A-137 US-09-825-517A-67 US-09-825-517A-101	1 1 1 1	09-825- 09-825- 09-825-	09-825- 09-825- 09-825-	-09-825- -09-825- -09-825-	US-09-825-51/A-82 US-09-825-517A-114 US-09-825-517A-116 US-09-825-517A-148	-09-825- -09-825- -09-825-	US-09-825-517A-115 US-09-825-517A-130 US-09-825-517A-144 US-09-825-517A-56 US-09-825-517A-88
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ALIGNMENTS

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US-09-825-517A-49

US-09-825-517A-49

Sequence 49, Application US/09825517A

Publication No. US2030203415A1

Sequence 49, Application US/09825517A

Publication No. US2030203415A1

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US/09/825,517A

MUMBER OF SEQ ID NOS: 151

SOUTHARE: PRINT ANTIGEN (CEA)

NUMBER OF SEQ ID NOS: 151

SOUTHARE: RESERVED FOR WINDOWS Version 4.0

SEQ ID NO 49

LENGTH: 16

TYPE: PRT

CHER INFORMATION: CEA binding polypeptide

US-09-825-517A-49

QUERY MATCH

QUERY MATCH

DUNCEFLEMOMACNUL 16

DD

1 DWVCEFLEMOMACNUL 16

DD

RESULT 2

US-09-825-517A-151
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Sequence 151, Application US/09825517A, Publication No. US20030203415A1, GENERAL INFORMATION:

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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DYX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PELICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 125

LENGTH: 16
          APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CRA);
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 151
LENGTH: 16
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93.8%; Pred. No. 4.4e-07;
Wismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: ROADON, ISBAC J
APPLICANT: ROADON, ISBAC J
APPLICANT: LAGNER: ROBERT
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
100.0%; Score 98; DB 11;
Best Local Similarity 100.0%; Pred. No. 7.9e-08;
Matches 16; Conservative 0; Mismatches 0;
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Publication No. US20030203415A1
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.8°
Matches 15; Conservative
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US-09-825-517A-142
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Gaps
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Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Andon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CRA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PAPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFFWARE: FESTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                  Score 93; DB 11; Length 16;
Pred. No. 4.4e-07;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             93.9%; Score 92; DB 11; Length 16; 87.5%; Pred. No. 6.2e-07; tive 2; Mismatches 0; Indels
                                                                                                                                                                                   ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-112
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                     Query Match
94.9%; Score 93; DB
Best Local Similarity 93.8%; Pred. No. 4.4e
Matches 15; Conservative 1; Mismatches
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEFLKMOMACNVL 16
                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEWLKMOWACNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
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Matches 14; Conservative
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LENGTH: 16
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Sequence 143. Application US/08825517A

Publication No. US20030203415A1

GENERAL INCORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION UNMBER: US/09/825,517A

WUMBER OF FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 143
                                                                                                                                                                                                                                                                                          APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SET INDICATION 138
ILENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             91.8%; Score 90; DB 11; Length 16; 87.5%; Pred. No. 1.2e-06; Live 2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-143
  ·.
  2; Mismatches
                                                                                                                                                                                               US-09-825-517A-138
; Sequence 138, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                                                 1 DWVCEFLKMQWACNVL 16
                                                                                               1 DWVCEWLKMOWACNML 16
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Matches 14; Conservative
     14; Conservative
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US-09-825-517A-143
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Sequence 54, Application US/09825517A

Publication NO.

Publication NO.

APPLICANT: Rondon, Issac J

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PLICATION NUMBER: US 09/541,345

PRIOR PLICATION NUMBER: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOGTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 54

LENGTH: 16
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                                                                                                                               Length 16;
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                                                 ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: RONDON, ISSAC J
APPLICANT: RONDON, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                       Query Match
93.9%; Score 92; DB 11;
Best Local Similarity 87.5%; Pred. No. 6.2e-07;
Matches 14; Conservative 2; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 151
SOFTWARE FastSEQ for Windows Version 4.0
SEQ ID NO 140
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                             US-09-825-517A-140
; Sequence 140, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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     ORGANISM: Artificial Sequence
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Best Local Similarity 87.55
Matches 14; Conservative
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Best Local Similarity
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TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 13; Conserv
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US-09-825-517A-135
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LENGTH: 16
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US-09-825-517A-147

Sequence 147, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issaed J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FeatSEQ for Windows Version 4.0

SEQ ID NO 147

LENGTH: 16
               Sequence 80. Application US/09825517A
| Publication No. US20030203415A1
| GENERAL INCORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
| TITLE OF INVENTION: ANTIGEN (CRA)
| FILE REPERENCE: DXx.016.1 (3421.1005-001)
| CURRENT FILING DATE: 2003-03-24
| PRIOR PPLICATION NUMBER: US 09/541,345
| PRIOR PILING DATE: 2000-04-03
| NUMBER OF SEQ ID NOS: 151
| ISSCT WARRE: FastSEQ for Windows Version 4.0
| SEQ ID NO 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 16;
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Best Local Similarity 81.2%; Pred. No. 9.6e-06;
Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  85.7%; Score 84; DB 11; Length 16
81.2%; Pred. No. 9.6e-06;
' Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-825-517A-75; Sequence 75, Application US/09825517A; Sequence 75, Application US/09825517A; ENDICATION NO. US20030203415A1; GENERAL INFORMATION:
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APPLICANT: Ladner, Robert C
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Best Local Similarity 81.2
Matches 13; Conservative
US-09-825-517A-80
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 84.7%; Score 83; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 1.3e-05; Matches 13; Conservative 0; Mismatches 3; Indels
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81.2%; Pred. No. 1.3e-05;
iive 1; Mismatches 2; Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING EEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-76
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84.7%; Score 83; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.3e-05;
Matches 13; Conservative 1; Mismatches 2; Indels
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: OTHER HINCRMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-135
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Search completed: September 8, 2004, 16:11:37 Job time : 125 secs

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1 DWVCEFLKMQWACNVL 16
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Issued Patents AA:*

1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

1: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:* Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries Database

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 387, App Sequence 387, App Sequence 387, App Sequence 90, Appl Sequence 90, Appl Sequence 27977, A Sequence 5, Appli Sequence 27, Appl Sequence 27, Appl Sequence 8, Appl Sequence 72, Appl Sequence 72, Appl Sequence 40, Appl Sequence 40, Appl Sequence 56, Appl Sequence 2, Appl Sequence 2, Appl Sequence 16, Ap Description US-09-337-227C-27 US-09-723-211A-27 US-08-448-196A-8 US-09-491-577-72 US-09-491-577-72 US-09-491-577-72 US-08-484-615-40 US-08-827-570-40 US-08-827-570-40 US-08-827-570-40 US-08-827-570-40 US-08-827-570-40 US-08-827-570-56 US-08-927-570-56 US-08-927-570-56 US-08-927-570-56 US-08-927-570-56 US-08-927-570-56 US-08-927-570-56 US-08-927-570-56 US-08-927-570-56 US-08-469-260A-387 US-08-488-446-387 US-08-488-446-387 US-08-484-635-90 US-08-484-631-90 US-09-252-991A-27977 US-08-414-926A-5 US-09-253-682-5 US-09-253-682-5 US-09-527-687-5 US-09-892-100-5 SUMMARIES Query Match Length DB 40.3 40.3 40.3 39.8 39.8 40.8 Score Result No.

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RESULT 2 US-09-723-251A-27

Sequence 27, Application US/09723251A
Patent No. 6608028
GENERAL INFORMATION:
APPLICANT: Char, Yvonse May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
APPLICANT: Skelton, Nicholas J.
APPLICANT: New Nicholas J.
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APPLICANT: New Nicholas J.
APPLICANT: Nicholas J.

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-886-319A-7 -252-991A-2 -120-365-17-1 -120-365-17-1 -101-039-7 -101-039-4 -101-039-4 -101-039-4 -101-039-4 -101-193-1	ALIGNMENTS 227C 9/337,227C 052,888 825,852	ore 43; DB d. No. 1.5; Mismatches
US-09-886-319A-72 US-09-252-991A-24855 US-09-1250-365-77 US-09-110-39-47 US-09-417-039-4 US-09-417-039-4 US-09-417-039-4 US-09-417-039-4 US-09-417-039-4 US-09-08-985A-2 US-09-08-663A-83 US-09-08-663A-83 US-09-08-8850-227-2 US-09-08-8850-227-2 US-09-08-8850-227-4 US-09-08-428-2 US-09-88-428-2 US-09-88-428-2 US-09-88-428-2 US-09-88-428-2 US-09-88-428-2 US-09-88-458-2 US-09-88-458-2 US-09-88-458-3 US-09-88-458-3 US-09-88-458-3 US-09-88-458-3 US-09-88-458-3 US-09-88-458-3 US-09-88-3 US-09-88-3 US-09-88-3 US-09-88-3	ALIG 337227C ee T.YE GROW S/09/337 -22 09/052,81 08/825,8:	Score Pred. 1; Mis
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46 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ALIT. -227C-27 No. 6420518 INFORMATION INFORMATION ANT: Clark, Ross G. ANT: Cochran, Andrea G. ANT: Cochran, Andrea G. ANT: Cochran, Henry B. ANT: Eowman, Henry B. ANT: Rebinson, Nicholas J. OF INVENTION: INSULIN-LIKE GRO EFERENCE: PLOTIP2.rev T APPLICATION NUMBER: US/09/33 T FILING DATE: 1998-06-22 APPLICATION NUMBER: US 08/825, FILING DATE: 1998-03-31 APPLICATION NUMBER: US 08/825, FILING DATE: 1997-04-04 OF SEQ ID NOS: 51 PRI: ISM: Artificial sequence ISM: Artificial sequence ISM: Artificial sequence ISM: ARE: INDORMATION: Sequence is synt)	43.9%; 50.0%; ative
	LT 1 9-337-227C-27 guence 27, Application tent No. 6420518 NEEAL INFORMATION: PPLICANT: Clark, Ross PPLICANT: Clark, Ross PPLICANT: Cochran, An PPLICANT: Cochran, An PPLICANT: Cochran, An PPLICANT: Robinson, I PPLICANT: SRelton, Ni ILE REFERENCE: P1071P2 URRENT APPLICATION NUMBER RIOR APPLICATION SEQUENCES.	C-2/ Similarity 50. 6; Conservative
м м м м м м м м м м м м м м м м м м м	C-27 Appli 6420518 CADN, Chen, Clark Cowma Robin SRelt Artifi Artifi ORMATIO	Simila 6, C
	-227C NO. 6, NO. 6, NO. 6, NO. 7, ANT: ANT: ANT: ANT: T APP: T AP	Match Match Local S
22266666666666666666666666666666666666	RESULT 1 US-09-337-227C-27 US-09-337-227C-27 Sequence 27, Application US/09337227C Patent No. 642018 GENERAL INFORMATION: APPLICANT: Chen, Yvonne May-Yee APPLICANT: Chen, Yvonne May-Yee APPLICANT: Cochran, Andrea G. APPLICANT: Cochran, Andrea G. APPLICANT: Cochran, Iain C.A.F. APPLICANT: Skelton, Nicholas J. TITLE OF INVENTION: INSULIN-LIKE GROWTH FA. FILE REFERENCE: P1071P2.rev CURRENT TRILNG DATE: 1999-06-22 FRIOR FILING DATE: 1999-06-22 FRIOR FILING DATE: 1999-03-31 FRIOR FILING DATE: 1997-04-04 NUMBER OF SEQ ID NOS: 51 LENGTH: 21 TYPE: RRT ORGANISM: Artificial sequence FRAURE: FR	Ouery Match Best Local Matches
	8D	i Ome

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Sequence 72, Application US/09491577

Sequence 72, Application US/09491577

Patent No. 6610511

GENERAL INFORMATION:

APPLICANT: Yale University

APPLICANT: Carlson, John R.

APPLICANT: Carlson, John R.

APPLICANT: Marr, Coral G.

TITLE OF INVENTION: No. 6610511e1 Family of Odorant Receptor Genes in Drosophila

FILE REFERENCE: 44574-5061-US

CURRENT APPLICATION NUMBER: US/09/491,577

CURRENT FILING DATE: 2000-01-25

EARLIER APPLICATION NUMBER: US 60/117,132

EARLIER APPLICATION NUMBER: US 60/117,132

SOFTWARE: PatentIn Ver. 2.1

FEQ. ID NO 72

FEQ. ID NO 72

FEQ. ID NO 72
                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield and AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABENGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196_136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 25095
LENGTH: 382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Pred. No. 67;
3; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 40.5;
Pred. No. 88
                                                                                                                                                           US-09-252-991A-25095
; Sequence 25095, Application US/09252991A
; Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 78, Application US/08484135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Drosophila melanogaster US-09-491-577-72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        41.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  234 DWLCKKLSYOTGCS 247
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                                                                     541 EWLLEFLKWYOKC 553
                               1 DWVCEFLKMQWAC 13
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Best Local Similarity 58...
7; Conservative
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US-08-484-135-78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DANIEL C.
BIOLOGICALLY ACTIVE PROTEIN FRAGMENTS
CONTAINING SPECIFIC BINDING REGIONS OF SERUM ALBUMIN OR RELATED PROTEINS
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Pred. No. 72;
2; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                           Score 43; DB 4; Length 21; Pred. No. 1.5;
                                                                                                                                                                                                                                                                                                                                                                                                                      5; Indels
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APPLICATION NUMBER: US/08/448,196A
FILING DATE: 23-MAY-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BROAD UR., ROBERT L.
NAME: BROAD UR., ROBERT L.
NAME: DECAM AND UR., ROBERT L.
NAME: WOAD UR., ROBERT L.
NAME: WOAD UR., ROBERT L.
NAME: WOAD UR., ROBERT L.
FILE REFERENCE: P1071P2C1.2Rev
CURRENT APPLICATION WUMBER: US/09/723,251A
FURNENT FILING DATE: 2006-11-27
FRIOR APPLICATION NUMBER: US 09/337,227
FRIOR FILLING DATE: 1999-06-22
FRIOR APPLICATION NUMBER: US 08/825,852
FRIOR FILLING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: XX/MFS-28402-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 205-544-0021
                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Sequence is synthesized; Patent No. 6608028
US-09-723-251A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: MARSHALL SPACE FLIGHT CENTER CITY: HUNTSVILLE STATE: ALABAMA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 8, Application US/08448196A; Patent No. 5780594
                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 53.8%;
Matches 7; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 50.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 579 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: CARTER, DANIE
TITLE OF INVENTION: BIOT
TITLE OF INVENTION: CONT
TITLE OF INVENTION: RELA
TITLE OF INVENTION: RELA
CORRESPONDENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSES: NASA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 205-544-0258
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 WVCEFLKMQWAC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 WVCRAGPLOWLC 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: NO
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       35812
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PatentIn Release #1.0, Version #1.30
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REGISTRATION NUMBER: 37,330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 40, Application US/08484631; Patent No. 5830851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kashyap, Arun K.
Jolliffe, Linda K.
Johnson, Dana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 DYVCRMGPMTWVC 15
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Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                            linear
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SOFTWARE:
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US-08-484-631-40
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Ca
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Patent No. 573569
GENERAL INFORMATION:
APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Johnson, Dana
APPLICANT: OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Erythropoietin Receptor
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
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                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,135
FILING DATE: 07.-UN-1955
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco
STATE: California
            GENERAL INFORMATION:
APPLICANT: Johnson, Dana L
APPLICANT: Zivin, Robert A
TITLE OF INVENTION: AGONIST PEPTIDE DIMERS
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                 ADDRESSEE: Frank S. Didiglio
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: DiGiglio, Frank S
REGISTRATION UNDRER: 31,346
REFRENCE/DOCKET NUMBER: 9594
TELECOMMUNICATION INFORMATION:
TELEFONE: (516) 742-4343
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 amino acids
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Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                   U.S.A..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: si
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                                                                                                                                                                                                                   COUNTRY: U. ZIP: 11530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-484-135-78
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Gaps
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46.2%; Pred. No. 4.4;
iive 1; Mismatches 6; Indels
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ZIP: 94105-1492
ZIP: 94105-1492
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,631
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTONEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
ALFLICATION NUMBER: US/08/484,635
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATTECT-WACKOWSKi, Eugenia REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELEPHONE: (415) 543-5043
INFORMATION FOR SEQ ID NO: 5EUGPERAL: 20 amino acids
TELEGRING: 20 amino acids
TUNDEN: 20 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides 1
TITLE OF INVENTION: Erythropoietin Receptor
NUMBER OF SEQUENCES: 259
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
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Gaps
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                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Asshyap, Arun K.
APPLICANT: Johlsfe, Linda K.
APPLICANT: Johnson, Dana
APPLICANT: Mulcahy, Linda
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Erythropoietin Receptor
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 23;
    Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/08/484,635
FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        One Market Plaza, Steuart Street Tower
    9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Townsend and Townsend and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATETET-WACKOWSKI, EUGENIA
REGISTRATION NUMBER: 157,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMMUNICATION INFORMATION:
    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94105-1492
COMPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                             US-08-484-635-56
; Sequence 56, Application US/08484635
; Patent No. 5773569
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US-08-484-631-56
Sequence 56, Application US/08484631
Patent No. 5830851
GENERAL INFORMATION:
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, William J.
    1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO:
                                            1 DWVCEFLKMQWAC 13
                                                                                 3 DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEFLKMOWAC 13
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    6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: One Mainer CITY: San Francisco CTATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-484-635-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
TELEFAX: (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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    Matches
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APPLICANT: Olliffe, Linda K.
APPLICANT: Johnson, Dana
APPLICANT: Mulcahy, Linda
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the
NUMBER OF SEQUENCES: 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           40.8%; Score 40; DB 2; Length 20; 46.2%; Pred. No. 4.4;
                                                                                                                                                                                                       DB 2; Length 20;
                                                                                                                                                                                                                                             6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Garrett-Wackcwekk, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMUNICATION:
TELECOMUNICATION: (415) 543-9600
                                                                                                                                                                                                       Score 40;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-UN-1995
APPLICATION WUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  US-08-827-570-40; Sequence 40, Application US/08827570; Patent No. 5986047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wrighton, Nicholas C. APPLICANT: Dower, William J. APPLICANT: Chang, Ray S.
                                                                                                                                                                                                   Query Match
Best Local Similarity 46.2%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 20 amino acids
amino acid
                                                                                                                                                                                                                                                                                   1 DWVCEFLKMQWAC 13
                                                                                                                                                                                                                                                                                                                        3 DYVCRMGPMTWVC 15
                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-484-631-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                  STRANDEDNESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Sar
STATE: Ca
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-827-570-40
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US-US-13#1410-C
DEGREE 2, Application US/09194145
Patent No. 6281193
GENERAL INFORMATION:
APPLICANT: STROM, Terry
APPLICANT: STROM, Terry
TITLE OF INVENTION: PROTEINS TO THE BETA CHAIN OF IL-2 RECEPTOR, AND
TITLE OF INVENTION: PROTEINS TO THE BETA CHAIN OF IL-2 RECEPTOR, AND
TITLE OF INVENTION: PROTEINS TO THE BETA CHAIN OF IL-2 RECEPTOR, AND
TITLE OF INVENTION: PROTEINS TO THE BETA CHAIN OF IL-2 RECEPTOR, AND
TITLE OF INVENTION: PROMEINS TO THE BETA CHAIN OF IL-2 RECEPTOR, AND
TITLE OF INVENTION: PROMEINS TO THE BETA CHAIN OF IL-2 RECEPTOR,
TITLE OF INVENTION: PROMEINS TO STOOM 145
CURRENT APPLICATION NUMBER: US/09/194,145
CURRENT FILING DATE: 1999-03-08
EARLIER FILING DATE: 1996-05-23
EARLIER FILING DATE: 1996-05-23
NUMBER OF SEQ ID NOS: 7
SEQ ID NO 2
SEQ ID NO 2
LENGTH: 551
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 40; DB 2; Length 23;
Pred. No. 5.1;
1; Mismatches 6; Indels
               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPRIATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,570
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Garrett-Wackowski, Eugenia
REGISTRATION VUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMUNICATION INFORMATION:
TELEPRAME: (415) 543-5660
TELERAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 56:
                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-JUN-1995
APPLICATION UNDRER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 CEFL---KMQWACNVL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
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Best Local Similarity 46.2
Matches 6; Conservative
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Best Local Similarity 43.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; MOLECULE TYPE: peptide US-08-827-570-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , ORGANISM: Homo sapiens
US-09-194-145-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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Fatent No. 5986047
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wighton, Nicholas C.
APPLICANT: Chang, Ray S.
APPLICANT: Kashyap, Arun K.
APPLICANT: General Johnson, Dana
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the
TITLE OF INVENTION: Compounds 259
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
     APPLICANT: Kashyap, Arun K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Mulcahy, Linda K.
TITLE OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Erythropoietin Receptor NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew STREET One Market Plaza, Steuart Street Tower CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
FILLING DATE: US/08/484,631 FILLING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFTATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackcwski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DCOKET NUMBER: 16528A-43-1-2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                              ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPAONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 DYVCRMGPMTWVC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 23 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 46.2
Matches 6; Conservative
Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: One Market F
CITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-827-570-56
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; Patent No. 5449756
; Patent No. 5449756
; Patent No. 5449756
; APPLICANT TANIGUCHI, TADATSUGU; HATAKEYAMA, MASANORI; MINAMOTO, ; SEJTRO; KONO, TAKESHI; DOI, TAKESHI; MIYASAKA, MASAYUKI; TSUDO, ; MITSURU; KARASUYAMA, HAJIME
; MITSURU; KARASUYAMA, HAJIME
; TITLE OF INTENTION: RECOMBINANT PROTEIN RECEPTOR FOR IL-2
; CURRENT APPLICATION DATA:
; APPLICATION NUBER: US/08/88,592
; FILING DATE: 9-JUL-1993
; APPLICATION NUBER: 865,155
; FILING DATE: 09-ARR-1992
; APPLICATION NUBER: 487,059
; FILING DATE: 05-MAR-1990
RESULT 14
5198359-2
; PATENT NO. 5198359
; APPLICANT: TANIGUCHI, TADATSUGU,JATAKEYAMA, MASANORI;
; MINAMOTO, SEJIRO,KONO, TAKESHI,DOI, TAKESHI;MIYASAKA, MASAYUKI;
; TSUDO, MITSURU;KARASUYMA, HAJIME
; TILLE OF INVENTION: RECOMBINANT PROTEIN RECEPTOR FOR ILL-2
; NUMBER OF SEQUENCES: 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/487,059
; FILING DATE: 05-MAR-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3;
                                                                                                                                                                                                                                                                                                                                                                                                                             3;
                                                                                                                                                                                                                                                                                                                                                                         Query Match

40.3%; Score 39.5; DB 6; Length 551;
Best Local Similarity 43.8%; Pred. No. 1.7e+02;
Matches 7; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
40.3%; Score 39.5; DB 6; Length 551;
Best Local Similarity 43.8%; Pred. No. 1.7e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 3
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74 CELLPVSQASWACNLI 89
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5449756-2
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8, 2004, 14:25:19; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB_pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB_pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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13: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
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103
1 DWVCEFFXDQWFCNIL 16
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

59, Appl 76, Appl 86, Appl 137, App 100, App 104, App 147, App 139, App 139, App Sequence 150, App Sequence 59, Sequence 1 Sequence 1 Sequence 6 Sequence Sequence Sequence Sequence Description Sequence Sequence Sequence Sequence Sequence US-09-825-517A-150 US-09-825-517A-59 US-09-825-517A-76 US-09-825-517A-76 US-09-825-517A-100 US-09-825-517A-100 US-09-825-517A-137 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-139 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-108 US-09-825-517A-108 US-09-825-517A-105 Query Match Length DB Score Result Ño.

Sequence

, App	, App	Appl	App1	App1	Appl	Appl	, App	, App	App,	Appl	, App	, App	, App	Appl	App1	Appl	Appl	App,	App	Appl	Appl	, App	App,		App,		Appl	Appl	Appl
109	127	50,	56,	68,	78,	82,	u)	m	119	-	. •	w	148	•	49,			129	151,	38,	-	108	118	124	133,	141	45,	55,	58,
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
US-09-825-517A-109	09-825-	09-825-	5-5	09-825-5	US-09-825-517A-78	US-09-825-517A-82	09-825-5	39-825-	US-09-825-517A-119	39-825-	39-82	09-825-	09-825-	US-09-825-517A-42	US-09-825-517A-49	US-09-825-517A-61	US-09-825-517A-65	5-5	US-09-825-517A-151	US-09-825-517A-38	US-09-825-517A-71	US-09-825-517A-108	US-09-825-517A-118	US-09-825-517A-124	US-09-825-517A-133	US-09-825-517A-141	-09-825-5	9-825-	US-09-825-517A-58
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
82.5	82.5	81.6	81.6	81.6	80.6	80.6	90.6	80.6	79.6	78.6	78.6	77.7	77.7	76.7	76.7	76.7	76.7	76.7	76.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	74.8	74.8	74.8
82	85	84	84	84	83	83	83	83	82	81	81	80	80	79	79	79	79	79	79	7.8	78	7.8	78	78	78	78	77	77	77
16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

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                                                                              APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016 1 (3421.1005-001)
CURRENT PELING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 103; DB 11; 100.0%; Pred. No. 7.8e-08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 150
LENGTH: 16
                  Sequence 150, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 2
US-09-825-517A-75
US-09-826-517A-75
; Sequence 75, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-150
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SEQ ID NO 86
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US-09-825-517A-59
; Sequence 59, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
    APPLICANT: Rondon, Issac J
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: BINDING PEPTIDES
; FILE REPRESENCE: DXx-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; PRIOR APPLICATION NUMBER: US/09/825,517A
; RICHARD DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; CONTRACE: PRACESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 4
US-09-825-517A-76
Sequence 76, Application US/09825517A
Sequence 76, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                            93.2%; Score 96; DB 11; Length 16; 87.5%; Pred. No. 7.6e-07; tive 1; Mismatches 1; Indels
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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81.2%; Pred. No. 1.4e-06;
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                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-75
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                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 75
LENGTH: 16
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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Best Local Similarity 87.5'
Matches 14, Conservative
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                                                                                                                                                                                                                                                                                                                                FEATURE
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; Sequence 86, Application US/09825517A
; Publication NO. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEC ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      91.3%; Score 94; DB 11; Length 16; 87.5%; Pred. No. 1.4e-06; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                     Length 16,
                                                                                                                                                                                                                                                                                                                                                   1; Indels
                                                                                                                                                                                                                                                                                                   Score 94; DB 11;
Pred. No. 1.4e-06;
                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                   FEATURE:
COTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: CEA binding polypeptide
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FagtSEQ for Windows Version 4.0
SEQ ID NO 76
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                Query Match 91.3%; Sc
Best Local Similarity 87.5%; Pr
Matches 14; Conservative 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
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                                                                                                                                                                               ORGANISM: Artificial Sequence
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Matches 14; Conservative
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LENGTH: 16
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; Sequence 139, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
   TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR PILICATION NUMBER: US 09/541,345
; RICK FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 139
                                                                                                                                                                                                                                                                                    APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 147
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              86.4%; Score 89; DB 11; Length 16; 81.2%; Pred. No. 7.3e-06; tive 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 87.4%; Score 90; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 5.3e-06; Matches 13; Conservative 1; Mismatches 2; Indels
     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetic 16-mer microprotein analogue
     5.
     0; Mismatches
                                                                                                                                                                                         US-09-825-517A-147
. Sequence 147, Application US/09825517A
. Publication No. US20030203415A1
. GENERAL INFORMATION:
                                                                                               1 DWVCEFFKPOWMCNIL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEFIKSOWFCNVL 16
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 81.2%
....nhes 13; Conservative
                                                    1 DWVCEFFKDQWFCNIL
     14; Conservative
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     Matches
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Sequence 100, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE RERERENCE: DXX-016.1 (424.1.005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 16
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Sequence 104, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 104

LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ch 87.4%; Score 90; DB 11; Length 16; Il Similarity 87.5%; Pred. No. 5.3e-06; 14; Conservative 0; Mismatches 2; Indels
                                                                                                                           Length 16;
                                                                                                                                                                        1; Indels
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                   Query Match

91.3%; Score 94; DB 11;
Best Local Similarity 87.5%; Pred. No. 1.4e-06;
Matches 14; Conservative 1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       87.4%;
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                                                                                                                                                                                                                     1 DWVCEFFKDQWFCNIL 16
                                                                                                                                                                                                                                                                  1 DWVCEFFKSOWYCNIL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity
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Best Local Similarity
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                                                                      US-09-825-517A-137
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US-09-825-517A-104
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1 DWVCEFYKSQWNCNIL 16
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 75.0
Matches 12; Conservative
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US-09-825-517A-105
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                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/841,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 130
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              83.5%; Score 86; DB 11; Length 16; 75.0%; Pred. No. 1.9e-05; tive 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR PELING DATE: 2003-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84.5%; Score 87; DB 11;
81.2%; Pred. No. 1.4e-05;
tive 2; Mismatches 1;
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SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 128
LENGTH: 16
                      Sequence 130, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 12
US-09-825-517A-128
Sequence 128, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWVCEFFKDQWFCNIL 16
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Matches 13; Conservative
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Matches 12; Conservative
US-09-825-517A-130
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US-09-825-517A-67
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES.

FILE REPERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA) CURE. DYA. 01 (3421.1005-001) CURRENT EXPERENCE: DYX-016.1 (3421.1005-001) CURRENT FILING DATE: 2003-03-24 PRIOR APPLICATION NUMBER: US 09/541,345 PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 82.5%; Score 85; DB 11; L Best Local Similarity 81.2%; Pred. No. 2.7e-05; Matches 13; Conservative 1; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-80
                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 80
LENGTH: 16
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-105
Guery Match
Best Local Similarity 75.0%; Pred. No. 2.7e-05;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps

QY 1 DWVCEFFROQWECNIL 16
Db 1 DWVCEYFKSQWMCNML 16
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Search completed: September 8, 2004, 15:58:39 Job time: 43.85 secs

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28, Appl 6740, Ap 6959, Ap 7, Appli 5, Appli 5, Appli 5, Appli 6, Appli 6, Appli 6, Appli

Sequence

ALIGNMENTS

Sequence Seq

US-09-723-251A-27
US-08-262-037-16
US-08-262-037-96
US-08-244+818-24
US-07-695-564-9
US-08-244-818-28
US-09-328-352-6959
US-09-328-352-6959
US-09-328-352-6959
US-08-96-925-5
US-08-96-925-5
US-09-253-682-5
US-09-253-682-5
US-09-282-10-5

96, Appl 24, Appl 9, Appli 9, Appli

Sequence Sequence

Sequence

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Sequence 8, Appli
Sequence 336, Appli
Sequence 336, App
Sequence 336, App
Sequence 336, App
Sequence 336, App
Sequence 9, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 86, Appl
Sequence 86, Appl
Sequence 2, Appli
Sequence 2, Appli
Sequence 19, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 11, Appli
                                                                September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62:106 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
                                                                                                                                                                                                                                                                                                              Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                        389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                 SUMMARIES
                                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                             - protein search, using sw model
                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                            US-09-825-517A-150
103
1 DWVCEFFKDQWFCNIL 16
                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
                                                                                                                                                        Scoring table:
                                                                                                                                  Sequence:
                                                                                                                                                                                        Searched:
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                                                                   Run on:
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Length 480;
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/828,488
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                        APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hilman, Jennifer L.
APPLICANT: Hilman, Jennifer L.
APPLICANT: Goli, Surva K.
TITLE OF INVENTION: NOVEL HIMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE FOCKET NUMBER: 9F-0241 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-845-416
INFORMATION FOR SEQ ID NO: 8:
EDRIGHT: 480 amino acids
LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDNESS: single
STRANDEDNESS: single
                  Sequence 8, Application US/08828488
Patent No. 5925521
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LIBRARY: GenBank
CLONE: 190283
                                                                                                                                                                                                                                                                                                                             Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                             94304
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US-08-828-488-8
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                                                                                                                                                                                                                                                                                                                           CITY:
STATE:
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DB 2;

43.7%; Score 45;

Query Match

Sequence 1 Sequence 2 Sequence 2

Sequence Sequence 6 Sequence 6 Sequence Sequence

PCT-US91-09422-19 US-09-328-352-5022 US-07-894-063A-6 US-09-337-227C-27

RESULT 2

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APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Rannion, Jane
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
APPLICANT: Fan, Liqun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
                                                                        APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT APPLICATION DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
LIBRITH: 480
LIBRITH: 480
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                                                                                                                                                                                                                                                                                                                                                                                                     DB 4; Length 480;
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                                                                                                                                                                                                                                                                                                                                                                                                 Score 45; DB 4
Pred. No. 44;
2; Mismatches
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2; Mismatches
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Patent No. 6509448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      400 DMACNFMGDEWFVDSL 415
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                                                                                                                                                                                                                                                                                                                                                                                                   43.7%;
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                Lodes, Michael A.
                                Fanger, Gary
Vedvick, Tom
Carter, Darrick
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
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Best Local Similarity 43.0%
To Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 43.8
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                      TYPE: PRT
CRGANISM: Homo sapiens
US-09-702-705-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT:
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43.8%; Pred. No. 44;
tive 2; Mismatches 7; Indels
                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARR: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
FILLING DATE:
FILLING DATE:
                                                                                                                                                                                                                                                    APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: Palo Alto
              Pred. No. 44;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REGISTRATION NUMBER: PP-0241 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-055
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acids
TYPE: amino acid
STRANDEDINESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 336, Application US/09702705; Patent No. 6504010; GENERAL INFORMATION: APPLICANT: Wang, Tongtong; APPLICANT: Bangur, Chaitanya S.
                                                                                                                                                                                                     Sequence B, Application US/09299689A; Patent No. 6379913; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
43.8%; Pic.
                                                                                                          400 DMACNEMGDEWFVDSL 415
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                                                                      1 DWVCEFFKDQWFCNIL 16
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            Best Local Similarity 43.8
Matches 7; Conservative
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IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 190283
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US-09-702-705-336
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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Gaps
           APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Manibon, Jane
TITLE OF INVENTION: DIAGNOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPERRENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
SEQ ID NO 336
LENGTH: 480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-328-256-9
; Sequence 9, Application US/08328256
; Sequence 9, Application US/08328256
; Parent No. 564379:
; GENERAL INFORMATION:
; APPLICANT: REVEL, Michel
; APPLICANT: RATOVITSKI, Edward
; TITLE OF INVENTION: SOLUBLE INTERFERON ALPHA-RECEPTOR, ITS
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIWARK
STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                             ·
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                                                                                                                                                                                                                                                                                                                                                                                                          7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/328,256
FILING DATE: 24-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 107378
FILING DATE: 24-OCT-1994
FILING DATE: 24-OCT-1994
ATTORNEY/AGRNT INFORMATION:
NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: REVEE-13
                                                                                                                                                                                                                                                                                                                                                              43.7%; Score 45; DB
43.8%; Pred. No. 44;
tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          400 DMACNFMGDEWFVDSL 415
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCEFFKDQWFCNIL 16
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Best Local Similarity 43.8
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 202-737-3528
TELEX: 248633
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: peptide US-08-328-256-9
                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-589-184-336
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: Liqun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.4786212
CURRENT APPLICATION NUMBER: USO9/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
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                                                                      APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPERENCE: 210121-478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                      DB 4; Length 480; 44;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 43.7%; Score 45; DB 4; Length 480; Best Local Similarity 43.8%; Pred. No. 44; Matches 7; Conservative 2; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                      Score 45;
Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-09-589-184-336
; Sequence 336, Application US/09589184
; Patent No. 6686447
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
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Bangur, Chaitanya S.
Lodes, Michael A.
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Best Local Similarity 43.8%;
Matches 7; Conservative
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Lodes, Michael A.
                                                           Carter, Darrick
                 Fanger, Gary
Vedvick, Tom
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-09-614-124B-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Wang, T
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TYPE: PRT
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APPLICANT:
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APPLICANT:
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Gaps
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APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: ASabyap, Arun K.
APPLICANT: Johnson, Dana
APPLICANT: Mulcahy, Linda K.
APPLICANT: Mulcahy, Linda K.
APPLICANT: Mulcahy, Linda K.
TITLE OF INVENTION: Emphropoietin Receptor
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                Length 496;
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                                                                                                                                                                                                                                           Query Match 40.8%; Score 42; DB 1; Length 496 Best Local Similarity 50.0%; Pred. No. 1.3e+02; Matches 8; Conservative 3; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: CALL DILLIAGE

ZIP: 94105-1492

ZIP: 94105-1492

COMPUTER READABLE FORM:

MEDIUM TYPE: FIDOPY disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,635

FLING APPLICATION 514

PRIOR APPLICATION NUMBER: US/08/155,940

FILING DATE: 19-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: GAITELL'Hackowski, Eugenia

REGISTRATION NUMBER: 37,330

REGISTRATION NUMBER: 37,330

RESTRENCE/DOCKET NUMBER: 16528A-43-1-1

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEERXX: (415) 543-5043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Townsend and Townsend and Crew
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 86, Application US/08484635; Patent No. 5773569; GENERAL INFORMATION: APPLICANT: Wrighton, Nicholas C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wrighton, Nicholas C.
Dower, William J.
Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                   415 DAVCEYFSEOPLKNLL 430
                                                                                                                                                                                                                                                                                                                                      1 DWVCEFFKDQWFCNIL 16
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                                                                                        496 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 38.55
Matches 5; Conservative
                  TELEX: 248633
INFORMATION FOR SEQ ID NO:
                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: One Marker CITY: San Francisco GTATE: California
202-737-3528
                                                                                                             TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-328-256-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
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US-08-484-635-86
    TELEFAX:
                                                                                        LENGTH:
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    Gaps
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APPLICANT: ABRAMOVICH, Carolina
APPLICANT: ABRAMOVICH, Carolina
APPLICANT: RATOVITSKI, Edward
TITLE OF INVENTION: SOLUBLE INTERFERON ALPHA-RECEPTOR, ITS
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Yee, David
APPLICANT: Deisher, Thereaa A
TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
TITLE OF INVENTION: ZGCL-1
FILE REFERENCE: 97-18
FILE REPERENCE: 97-18
CURRENT APPLICATION NUMBER: US/09/137,223A
PRIOR APPLICATION NUMBER: 06/056,130
PRIOR FILING DATE: 1998-08-19
NUMBER OF SEQ ID NOS: 16
SOUTHARRE: PASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 42; DB 4; Length 478;
Pred. No. 1.2e+02;
    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Felbase #1.0, Version #1.30 SOFTWARE: Patentin Release #1.0, Version #1.30 CAPRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/328,256 FILING DATE: 24-OCT-1994 PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 107378 FILING DATE: 24-OCT-1993 ATTORNEY/AGENT INFORMATION:
    5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Weahington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Mismatches
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: REVEL=13
REFERENCE/DOCKET NUMBER: 25,618
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/08328256
Patent No. 5643749
GENERAL INFORMATION:
                                                                                                                                                                                                      Sequence 2, Application US/09137223A
Patent No. 6420525
  3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40.8%;
                                              1 DWVCEFFKDQWFCNIL 16
                                                                             18 DAVCEYFSEQPLKNLL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 41.7
Matches 5; Conservative
  8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEFFKDQWF 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 10
US-08-328-256-12
                                                                                                                                                                               US-09-137-223A-2
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  Matches
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GENERAL INFORMATION:
APPLICANT: Wrighton, Nicholas C.
APPLICANT: Dower, Milliam J.
APPLICANT: Dower, Milliam J.
APPLICANT: Chang, Ray S.
APPLICANT: Kashyap, Arun K.
APPLICANT: Golliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Jolliffe, Linda K.
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Erythropoietin Receptor
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET One Market Plaza, Steuart Street Tower
CITY: San Francisco
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Pred. No. 8.4;
4; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,631
FILING DATE: 07-UN-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
TEFERENCE/DOCKET NUMBER: 16528A-43-1-2
TELEOMONUMICATION:
                                                                                                                                                 ; Sequence 86, Application US/08484631; Patent No. 5830851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 86, Application US/08827570; Patent No. 5986047; GENERAL INPORMATION: APPLICANT: Wrighton, Nicholas C. APPLICANT: Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    39.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) 543-96C
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
1 DWVCEFFKDQWFC 13
                                          10 EYVCOWGPDTWLC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 38.5.
Thes 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 24 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEFFKDQWFC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-484-631-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94105-1492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                       RESULT 12
US-08-484-631-86
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Patent No. 6103496

Patent No. 6103496

Patent No. 6103496

APPLICANT: Brash, Alan R

APPLICANT: Bresh, Alan R

APPLICANT: Kim, Richard B

TITLE OF INVENTION: Isolated and Purified 12R-Lipoxygenase Protein and TITLE OF INVENTION: Nucleic Acids

FILE REFERENCE: Attorney Docket No. 6103496 1242-7

CURRENT PILING DATE: 1998-05-29

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn Ver. 2.0
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Pred. No. 8.4;
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                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
CURLENT PAPLICATION NUMBER: US/08/827,570
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMNUMICATION:
TELEPHONE: (415) 543-9600
                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-UNN-1995
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          39.8%;
 Kashyap, Arun K
                                                                                                                                                                                                                       ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ::||:: | | |
10 EYVCQWGPDTWLC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 24 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 38.5
France 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEFFKDQWFC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: peptide US-08-827-570-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-087-727-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-087-727-2
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LENGTH: 701
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RESULT 15
US-09-853-053-2
US-09-853-053-2
Sequence 2, Application US/09853053
Factor No. 656644
GENERAL INFORMATION:
APPLICANT: Brash, Alan
APPLICANT: Brash, Alan
FILE REFRENCES: ALCOANTED AND FURIFIED 12R-LIPOXYGENASE PROTEIN AND NUCLEIC ACIDS
FILE REFRENCES: ALCOANTED AND FURIFIED 12R-LIPOXYGENASE PROTEIN AND NUCLEIC ACIDS
CURRENT APPLICATION NUMBER: US/09/853,053
CURRENT PILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
SEQ ID NO 2
LENGTH: 701
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                                                   Gaps
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Query Match 39.8%; Score 41; DB 3; Length 701; Best Local Similarity 66.7%; Pred. No. 2.5e+02; Matches 6; Conservative 1; Mismatches 2; Indels
                                                                                           6 FFKDQWFCN 14
| | | | : | |
77 FPKDPWYCN 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-853-053-2
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Search completed: September 8, 2004, 14:31:55 Job time : 13.3 secs

6 FFKDOWFCN 14

77 FPKDPWYCN 85

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8, 2004, 14:25:19; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cgn2_6/ptcdata/1/pubpaa/US09B PUBCOMB.pep:*
| Cgn2_6/ptcdata/1/pubpaa/US09B PUBCOMB.pep:*
| Cgn2_6/ptcdata/1/pubpaa/US09C_PUBCOMB.pep:*
| Cgn2_6/ptcdata/1/pubpaa/US10A PUB.pep:*
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| Cgn2_6/ptcdata/1/pubpaa/US10C PUBCOMB.pep:*
| Cgn2_6/ptcdata/1/pubpaa/US10 NEW PUB.pep:*
| Cgn2_6/ptcdata/1/pubpaa/US60 NEW PUB.pep:*
| Cgn2_6/ptcdata/1/pubpaa/US60 NEW PUB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1298764 seqs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                OM protein - protein search, using sw model
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1 DWVCEIVKNOWICNPL 16
                                                                                                                                                                                                                                                                                                                                             US-09-825-517A-149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                        September
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BLOSUM62
                                                                                                                                                                                                                                                                                                                                         Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence:
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SUMMARIES

	App	Appl	Appl	Appl	Appl			Appl	Appl			Appl	App		Appl
	149,	93,	91,	78,	95,	113,	116,	80, 7	60,	127,	117,	61, 7	139.	59,	92,
Description	Sequence		Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence		Sequence	Sequence	Seguence		
ID	US-09-825-517A-149	US-09-825-517A-93	US-09-825-517A-91	US-09-825-517A-78	US-09-825-517A-95	US-09-825-517A-113	US-09-825-517A-116	US-09-825-517A-80	US-09-825-517A-60	US-09-825-517A-127	US-09-825-517A-117	US-09-825-517A-61	US-09-825-517A-139	US-09-825-517A-59	US-09-825-517A-92
DB	11	11	11	11	11	11	11	11	11	11	11	ī,	11	11	11
Query Match Length DB	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Query	100.0	92.0	85.0	84.0	84.0	84.0	84.0	83.0	82.0	82.0	81.0	80.0	78.0	77.0	77.0
Score	100	92	85	84	84	84	84	83	82	82	81	80	78	77	77
Result No.	1	7	ю	4	ហ	9	7	œ	σ	10	11	12	13	14	15

	Sequence 118, App Sequence 150, App Sequence 49, Appl Sequence 76, Appl Sequence 77, Appl Sequence 81, Appl Sequence 86, Appl Sequence 100, Appl Sequence 117, Appl Sequence 151, Appl Sequence 151, Appl Sequence 52, Appl Sequence 52, Appl
	US-09-825-51/A-108 US-09-825-517A-150 US-09-825-517A-150 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-100 US-09-825-517A-100 US-09-825-517A-100 US-09-825-517A-151 US-09-825-517A-151 US-09-825-517A-151 US-09-825-517A-164
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ALIGNMENTS

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                                                                                 APPLICANT: ROMAN, Issac J
APPLICANT: Romer, Robert C
TITLE OF INVENTION: BINDING EEFTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 100; DB 11;
100.0%; Pred. No. 1.3e-07;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 149
LENGTH: 16
                   Sequence 149, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 2
US-09-825-517A-93
Sequence 93, Application US/09825517A; Publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCEIVKNQWICNPL 16
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Best Local Similarity 100.
Matches 16; Conservative
US-09-825-517A-149
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US-09-825-517A-113
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 91
LENGTH: 16
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robbert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 93
LENGTH: 16
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75.0%; Pred. No. 1.8e-05;
Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 92.0%; Score 92; DB 11; Length 16
75.0%; Pred. No. 1.8e-06;
tive 4; Mismatches 0; Indels
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18-09-825-617A-78
18-09-825-61
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; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-91
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.03
Matches 12; Conservative
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US-09-825-517A-91
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRSESEQ for Windows Version 4.0
SEQ ID NO 113
LENGTH: 16
                                                                                                                                                                                                                                                                            84.0%; Score 84; DB 11; Length 16; 75.0%; Pred. No. 2.5e-05; tive 2; Mismatches 2; Indels
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APPLICANT: ROMON, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PELING DATE: 2003-03-24
PRIOR PELING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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Pred. No. 2.5e-05;
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                                                                                                                                                                                                          OTHER INFORMATION: CEA binding polypeptide
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 78
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 95, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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                                                                                                                                                                  ORGANISM: Artificial Sequence
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Matches 12; Conservative
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Sequence 127, Application US/09825517A

Sequence 127, Application US/09825517A

Publication NO. US20030203415A1

APPLICANT: Rondon, Issac J

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BATIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 82.0%; Score 82; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 4.8e-05; Matches 13; Conservative 0; Mismatches 3; Indels
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  Indels
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                                                                                                                                                                                                                                                                                          APPLICANT: Rondon, Issac J
APPLICANT: Ladher. Robert
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPREBENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
  5.
  Mismatches
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PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PASESEQ for Windows Version 4.0
                                                                                                                                                                                              US-09-825-517A-60

; Sequence 60, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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                                                                              1 DWVCEFIKNQWMCNVL 16
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                  1 DWVCEIVKNQWICNPL
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  12; Conservative
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Best Local Similarity
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US-09-825-517A-80

US-09-825-517A-80

Sequence 80, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Ladner, Robert C

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 16

TYPE: PRI

CURRENT: ACCURATE: 16

CORGANISM: Artificial Sequence
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                                                                                                                          Length 16;
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                                                                                                                    Query Match 84.0%; Score 84; DB 11; Length 16 Best Local Similarity 81.2%; Pred. No. 2.5e-05; Matches 13; Conservative 1; Mismatches 2; Indels
                    FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 116
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                            US-09-825-517A-116
; Sequence 116, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                     1 DWVCEIVKNOWICNPL 16
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Best Local Similarity
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Best Local Similarity
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TYPE: PRT

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TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 75.0
Matches 12; Conservative
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US-09-825-517A-92
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastLSEQ for Windows Version 4.0
SEQ ID NO 61
LENGTH: 16
                                                                          APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PELICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 117
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           80.0%; Score 80; DB 11; Length 16; 73.3%; Pred. No. 9.3e-05; ive 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 81.0%; Score 81; DB 11; Length 16
81.2%; Pred. No. 6.7e-05;
tive 0; Mismatches 3; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-61
             ; Sequence 117, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 139, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-825-517A-61
; Sequence 61, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 DWVCEIVKNOWICNPL 16
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ORGANISM: Artificial Sequence
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APPLICANT: Ladner, Robert C
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Best Local Similarity 81.2'
....nhes 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 73.3
Matches 11; Conservative
US-09-825-517A-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-825-517A-139
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT PELING DATE: 2003-03-24

FRIOR FILING DATE: 2000-04-03
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
FURRENT FILING DATE: 2003-03-24
PRIOR PULING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SECTIANG. BATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 139
SEQ ID NO 139
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-139
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APPLICANT: Ladner, Robert C
AITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

78.0%; Score 78; DB 11;
Best Local Similarity 75.0%; Pred. No. 0.00018;
Matches 12; Conservative 1; Mismatches 3;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ 1D NO 59
LENGTH: 16
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; NUMBER OF SEQ ID NOS: 151
; SOTTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 16
; TYPE: RRT
; ORGANISM: Artificial Sequence
; FARJURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-92
Ouery Match
Best Local Similarity 62.5%; Pred. No. 0.00025;
Matches 10; Conservative 2; Mismatches 4; Indels
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Db 1 DWICNLFKNQWFCGPL 16
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Search completed: September 8, 2004, 15:58:39 Job time : 43.85 secs

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US-09-825-517A-148
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LENGTH: 16
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                                            8, 2004, 14:02:12; Search time 191.8 Seconds (without alignments) 81.423 Million cell updates/sec
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Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
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Description

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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTESEQ for Mindows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-148
US-09-825-517A-148

US-09-825-517A-146

US-09-825-517A-144

US-09-825-517A-144

US-09-825-517A-138

US-09-825-517A-138

US-09-825-517A-138

US-09-825-517A-138

US-09-825-517A-138

US-09-825-517A-140

US-09-825-517A-141

US-09-825-517A-141

US-09-825-517A-141

US-09-825-517A-141

US-09-825-517A-141

US-09-825-517A-141

US-09-825-517A-141

US-09-825-517A-147

US-09-825-517A-127

US-09-825-517A-127
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.09-825-517A-49
.09-825-517A-100
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ORGANISM: Artificial Sequence
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JS-09-825-517A-126
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  Length 16;
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; Sequence 141, Application US/09825517A
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT PLILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SED ID NOS: 151
; SOFTWARE: FRAESEQ for Windows Version 4.0
; SEQ ID NO 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYÓNIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       90.7%; Score 98; DB 23; Length 16; 93.8%; Pred. No. 4.8e-06; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  88.9%; Score 96; DB 23; Length 16;
87.5%; Pred. No. 9.1e-06;
iive 1; Mismatches 1; Indels
                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-146
100.0%; Score 108; DB 23;
100.0%; Pred. No. 2.1e-07;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-825-517A-146
; Sequence 146, Application US/09825517A
; GENERAL INFORMATION:
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                                                                                                               1 DWVCEWLKHQWFCNAL 16
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                                                                                       1 DWVCEWLKHQWFCNAL 16
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Best Local Similarity 93.8
Matches 15; Conservative
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Query Match
Best Local Similarity 100.
Matches 16; Conservative
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Matches 14; Conserv
                                                                                                                                                                                                                 -09-825-517A-141
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC ANTIGEN (CEA)
FILE REFERENCE: Sequence Listing DYX-016.0 US
CURRENT APPLICATION NUMBER: US/09/541,345
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINIING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 144
                                                         APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FREESEQ for Mindows Version 4.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 85.2%; Score 92; DB 23; Length 16; Best Local Similarity 81.2%; Pred. No. 3.2e-05; Matches 13; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  85.2%; Score 92; DB 23; Length 16;
81.2%; Pred, No. 3.2e-05;
tive 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
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; Sequence 144, Application US/09825517A
; GENERAL INFORMATION:
Sequence 126, Application US/09825517A GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
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DWVCEWLKSOWFCNSL 16

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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BUNDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 130
LENGTH: 16
                                                                                                                                                                                                                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRSESEQ for Windows Version 4.0
SEQ ID NO 68
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               82.4%; Score 89; DB 23; Length 16;
81.2%; Pred. No. 8.3e-05;
iive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                82.4%; Score 89; DB 23; Length 16; 81.2%; Pred. No. 8.3e-05; tive 0; Mismatches 3; Indels
         81.2%; Pred. No. 8.3e-05;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-825-517A-130; Sequence 130, Application US/09825517A; GENERAL INFORMATION:
                                                                                                                                                                                                                 US-09-825-517A-68
; Sequence 68, Application US/09825517A
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                               1 DWVCEWLKHOWFCNAL 16
                                                                                                                        1 DWVĆEWFKPOWFCNPL 16
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ORGANISM: Artificial Seguence
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         Best Local Similarity 81.2
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13; Conservative
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APPLICANT: Rondon, Isaac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC ANTIGEN (CEA)
FILE REPRENCE: Sequence Listing DXX-016.0 US
CURRENT APPLICATION NUMBER: US/09/541,345
NUMBER OF SEQ ID NOS: 107
SEQ ID NO 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: CEA binding ; OTHER INFORMATION: polypeptide US-09-541-345-78
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84.3%; Score 91; DB 19; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.4e-05;
Matches 13; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             84.3%; Score 91; DB 23; Length 16;
81.2%; Pred. No. 4.4e-05;
tive 2; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: RONDON, Issac J
APPLICANT: RONDON, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PAPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASELSEQ for Windows Version 4.0
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; Sequence 78, Application US/09825517A
; GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 107
SEQ ID NO 78
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TYPE: PRT
ORGANISM: ALLÍficial Sequence
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                                                                                                TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 13; Conserva
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TYPE: PRT
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NUMBER OF SEQ ID NOS: 107
SEQ ID NO 54
LENGTH: 16
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GENERAL INFORMATION:
A APPLICANT: Rondon, Isaac J
APLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC ANTIGEN (CEA)
FILE REFERRING: Sequence Listing DYX-016.0 US
CURRENT APPLICATION UNMBER: US/09/541,345
CURRENT FILING DATE: 2000-04-03
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US-09-825-517A-142
i Sequence 142, Application US/09825517A
i Sequence 142, Application US/09825517A
i GENERAL INFORMATION:
i APPLICANT: Rondon, Issac J
i APPLICANT: Ladner, Robert C
i TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: BATIGEN (CEA)
i FILE REPERENCE: DYX-016.1 (3421.1005-001)
i CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
i PRIOR PILING DATE: 2000-04-03
i NUMBER OF SEQ ID NOS: 151
i SOFTWARE: FateSEQ for Windows Version 4.0
i LENGTH: 16
                                                          APPLICANT: Renden, Issac J
APPLICANT: Renden, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          79.6%; Score 86; DB 23; Length 16;
81.2%; Pred. No. 0.00021;
ive 0; Mismatches 3; Indels
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81.2%; Pred. No. 0.00021;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                Sequence 125, Application US/09825517A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEWLKMQWACNVL 16
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ORGANISM: Artificial Sequence
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Matches 13; Conservative
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US-09-541-345-54
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                                                                                                                                                                                                                                         Gaps
                                                                           ; OTHER INFORMATION: Description of Artificial Sequence: CEA binding ; OTHER INFORMATION: polypeptide US-09-541-345-54
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITLE OF INVENTION: BINIDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: ANTIOEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 54
LENGTH: 16
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANITHEN (CEA)
FILE REPERENCE: DYX.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 112
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 78.7%; Score 85; DB 23; Length 16; Best Local Similarity 81.2%; Pred. No. 0.00029; Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                      Length 16;
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ORGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-112
                                                                                                                                                                              Query Match

78.7%; Score 85; DB 19;
Best Local Similarity 81.2%; Pred. No. 0.00029;
Matches 13; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 112, Application US/09825517A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 14
US-09-825-517A-54
; Sequence 54, Application US/09825517A
; GENERAL INFORMATION:
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                            1 DWVCEWLKHQWFCNAL 16
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Ouery Match 78.7%; Score 85; DB 23; Length 16;
Best Local Similarity 81.2%; Pred. No. 0.00029;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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1 DWVCEWLKHOWFCNAL 16 ||||||||||||| 1 DWVCEWLKMOWACNIL 16

Qy Dp Search completed: September 8, 2004, 15:35:53 Job time : 191.8 secs

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September 8, 2004, 14:25:19; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*

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12: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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1 DWVCEWLKHQWFCNAL 16
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Maximum DB seq length: 200000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

146, App 126, App 144, App 184, App 18, App 125, App 142, App 142, App 142, App Sequence 141, App Sequence 141, App Sequence Sequence Sequence 3 Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence US-09-825-517A-148 US-09-825-517A-141 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-144 US-09-825-517A-18 US-09-825-517A-18 US-09-825-517A-125 US-09-825-517A-142 US-09-825-517A-142 US-09-825-517A-142 US-09-825-517A-142 US-09-825-517A-142 US-09-825-517A-112 US-09-825-517A-112 US-09-825-517A-112 US-09-825-517A-112 US-09-825-517A-112 US-09-825-517A-112 US-09-825-517A-112 Query Match Length DB 82.4 82.4 779.6 779.6 778.7 778.7 778.7 85.2 85.2 84.3 Score 111111 1243 143111 1543 Result Š.

143, 59,	Sequence 101, App	127,	115,	147,	56,	75,		86,	117,	150	Sequence 80, Appl	109	137	13	49,	100	151	105	128	65,		107,	113,		76,	95,	104	
-09-825-517A -09-825-517A	-09-825-517A	-09-825-	-60-	- 1	-60-	US-09-825-517A-75	US-09-825-517A-103	US-09-825-517A-86	US-09-825-517A-117	0	US-09-825-517A-80	-09-825-	US-09-825-517A-137	825-	US-09-825-517A-49	US-09-825-517A-100	US-09-825-517A-151	US-09-825-517A-105	-09-		US-09-825-517A-81		US-09-825-517A-113	US-09-825-517A-50	US-09-825-517A-76	US-09-825-517A-95	US-09-825-517A-104	US-09-825-517A-114
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
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78.7	77.8	77.8	76.9	6.97	75.9	75.9	75.0	74.1	74.1	74.1	73.1	73.1	71.3	71.3	70.4	70.4	70.4	69.4	69.4	68.5	68.5	68.5	68.5	9.19	9.19	9.19	9.19	9.79
8 8 4	84	84	83	83	82	82	81	80	80	80	79	79	77	11	92	76	16	75	75	74	74	74	74	73	73	73	73	73
16	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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Gaps
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                                                                              APPLICANT: ROMON, ISSAC J
APPLICANT: ROMON, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR PRILITED DATE: 2003-03-24
PRIOR PLILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 108; DB 11; 100.0%; Pred. No. 1.3e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 141, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                   Sequence 148, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity
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US-09-825-517A-148
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LENGTH: 16
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Sequence 146, Application WS/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

TITLE PEPTIDES

TITLE PETIT 
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Best Local Similarity 93.8%; Pred. No. 2.7e-06;
Matches 15; Conservative 0; Mismatches 1; Indels
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                           APPLICANT: LAGACE, ROBER C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILLE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PRIOR PATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOCTWARE: FastSEQ for Windows Version 4.0
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
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Best Local Similarity 87.5%; Pred. No. 5e-06;
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APPLICANT: Rondon, Issac J
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US-09-825-517A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 141
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US (99/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-825-517A-78

Sequence 78, Application US/09825517A

Publication No. US20030203415A1

GENERAL INPORMATION:

APPLICANT: Randon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT PILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                     Query Match 85.2%; Score 92; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 1.7e-05; Matches 13; Conservative 2; Mismatches 1; Indels
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; CTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
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85.2%; Score 92; DB 11;
Best Local Similarity 81.2%; Pred. No. 1.7e-05;
Matches 13; Conservative 2; Mismatches 1
                   PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 126
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 78
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345
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                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
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; Sequence 142.11.
; Sequence 142. Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, 1seac J
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
; TITLE OF INVENTION: ANTIGEN (CEA);
; FILE REFERENCE: DXX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A;
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 142
; FILONO 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                79.6%; Score 86; DB 11; Length 16; 81.2%; Pred. No. 0.0001;
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81.2%; Pred. No. 0.0001;
tive 0; Mismatches 3; Indels
       Indels
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                                                                                                                                                                                                                                                                                APPLICANT: RONDON, Issac J
APPLICANT: RONDON, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/824,345
PRIOR FILING DATE: 2000-04-03
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    Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
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Sequence 125, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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                                                   16
                                                                                               1 DWVCEWFKAQWFCNML 16
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                   1 DWVCEWLKHOWFCNAL
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Best Local Similarity 81.2
Matches 13; Conservative
    13; Conservative
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Sequence 68, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BATIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SEQ ID NO 68

LENGTH: 16
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-49
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEC ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 130
LENGTH: 16
                                                                                                                        Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       82.4%; Score 89; DB 11; Length 16; 81.2%; Pred. No. 4.1e-05;
                                                                                                                                                                  1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3; Indels
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                                                                                                                Query Match

84.3%; Score 91; DB 11;
Best Local Similarity 81.2%; Pred. No. 2.2e-05;
Matches 13; Conservative 2; Mismatches 1
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81.2%; Pred. No. 4.1e-05;
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                                    ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 130, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                              1 DWVCEWLKHQWFCNAL 16
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Best Local Similarity
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Length 16;
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                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-122
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASECSEQ for Windows Version 4.0
SEQ ID NO 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: RONDON, ISSAC J
APPLICANT: RONDON, ISSAC J
APPLICANT: Ladner, ROBERT C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: APTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
78.7%; Score 85; DB 11;
Best Local Similarity 81.2%; Pred. No. 0.00014;
Matches 13; Conservative 0; Mismatches 3;
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 138
LENGTH: 16
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PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 138, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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US-09-825-517A-140
; Sequence 140, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCEWLKHQWFCNAL 16
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
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Publication No. US20030203415A1

GENERAL INPORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 16;
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                                                                                                                                                           APPLICANT: Ladder, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTICHE (CEA)
FILE REPERENCE: DXX-016.1 (3421.1005-001)
CURRENT PEPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2000-03-03-44
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
SOFTWARE: FASISEQ for Windows Version 4.0
SEQ ID NO 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         78.7%; Score 85; DB 11;
81.2%; Pred. No. 0.00014;
tive 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 112
LENGTH: 16
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                                                          Sequence 54, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCEWLKHOWFCNAL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
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; APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 81.2
Matches 13; Conservative
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NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 140
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
COTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-140
                                                                                                                                                                                                                                                                                                             1 DWVCEWLKHOWFCNAL 16
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1 DWVCEWLKMOWACNIL 16
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Search completed: September 8, 2004, 15:58:39 Job time: 44.85 secs

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GenCore version 5.1.6
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8, 2004, 12:58:43 ; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec

US-09-825-517A-148 108 1 DWVCEWLKHQWFCNAL 16 Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

389414 seqs, 51625971 residues Searched:

389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued Patents AA:*
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2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:* Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 5666, Ap	Ω	2	5	'n	'n	6		Sequence 31356, A		32,	20,		Sequence 12, Appl		12,	14,	28,	86,	86,	86,	30	5, 7	4	9	Sequence 4, Appli	7
f	LD	US-09-621-976-5666	US-08-414-926A-5	-08-92	US-09-253-682-5	US-09-527-657-5	US-09-892-100-5	US-08-943-714-9	US-09-296-840A-3	US-09-252-991A-31356	US-08-568-459A-20	US-08-487-826B-32	US-09-210-288-20	-09-489	-568	US-08-487-826B-12	210-	US-08-487-826B-14	09-721-	US-08-484-635-86	38-484 -	-08-827-	US-10-164-595-30	US-09-273-163-5	US-09-273-163-4	US-09-273-163-6	US-09-417-039-4	US-09-296-840A-2
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Sequence 5, Application US/08414926A

Patent No. 572134

GENERAL INFORMATION:

APPLICANT: Cha, Tai-An

TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS

TITLE OF SEQUENCES:

ADDRESSEE: Cooley Godward Castro Huddleson & Tatum

STREET: 5 Palo Alto

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94306-2155

COMPUTER REAABLE FORM:

MEDIUM TYPE: Floppy disk

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5 4 4 4 1 1 3 3 8 6 7 4 4 4 4 1 1 1 3 3 8 6 7 1 1 1 3 3 8 6 7 1 1 1 3 3 8 6 7 1 1 1 3 3 8 6 7 1 1 1 3 3 8 6 7 1 1 1 3 3 8 6 7 1 1 1 3 3 8 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	285 4 0 382 4 0 533 4 0 533 4 0 535 2 0 660 4 0 537 2 0 660 4 0 0 601 4 0 0	US-09-328-352-6357 US-09-328-352-6357 US-09-905-1258-332 US-09-902-7758-332 US-09-902-7758-332 US-08-633-879C-4 US-08-633-879C-2 US-08-633-879C-2 US-09-907-7948-28 ALIGNMENTS		100 250 100 100 100 100 100 100 100 100 100 1	Appli
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SE S S G C	N: Milne Edwards + c	я. ц.В.			
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, APPLICANT: Giord	lano, J.Y.	APPLICANT: Giordano, J.Y.			
; TITLE OF INVENTION: ESTS and : FILE REFERENCE: GENSET: 054PR2	N: ESTS and E	Encoded Human Prote:	ins.		
CURRENT APPLICATION NUMBER: US/09/621,97	ON NUMBER: US/0	3/09/621,976			
, NUMBER OF SEQ ID NOS	1933	77.			
; SOFTWARE: Patent.;	шď				
725					
M. W.	Homo saniens				
; NAME/KEI: SIGNAL ; LOCATION: -24 US-09-621-976-5666	. 7				
Query Match Best Local Similarity Matches 7; Conserv	51.9%; larity 53.8%; Conservative	Score 56; DB 4; Pred. No. 0.19; 0; Mismatches	Length 71; 6; Indels (0; Gaps	0
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Indels
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Cha, Tai-An
TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Luann Cserr Attorney at Law
STREET: 750 Arimo Avenue
CITY: Oakland
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/253,682 FILING DATE:
                                                                                                                                                                                                                                                    Sequence 5, Application US/09253682
Patent No. 6040170
GENERAL INFORMATION:
APPLICANT: Spacte, Richard
APPLICANT: Cha, Tai-An
ITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Luann CSerr Attorney at Law
   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
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750 Arimo Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/926,922
FILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
NAME: CSerr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-934-1448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 5, Application US/09527657; Patent No. 6291236; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 510-839-7810
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7; Conservative
   7; Conservative
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MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             307 WVCEEPKHEW 316
                                                                                                                     307 WVCEEPKHEW 316
                                                            2 WVCEWLKHQW 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 750 Ari
CITY: Oakland
STATE: CA
COUNTRY: USA
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USA
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US-09-527-657-5
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Pred. No. 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              45.4%; Score 49; DB 1; Length 399; 70.0%; Pred. No. 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Vergion #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/926,922
FILING DATE: September 10, 1997
CIASSIFICATION NUMBER: 31,822
ATTORNEY/AGENT INFORMATION:
NAMME: CSerr, Luann
NAMME: CSerr, Luann
FRETERENCE/DOCKET NUMBER: 31,822
REFERENCE/DOCKET NUMBER: 31,822
REFERENCE/DOCKET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5. Application US/08926922

Patent No. 5925751

GENERAL INFORMATION:

APPLICANT: Spacte, Richard

APPLICANT: Cha, Tai-An

TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: Luann Geerr Attorney at Law

STREET: 750 Arimo Avenue

STREET: Cakland

STREET: Cakland
                                             SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/414,926A
FILING DATE: March 31, 1995
CLASSIFICATION: 435
                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Cserr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR-011/OOUS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-494-7622
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 399 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
   IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    45.4%;
70.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 399 amino acids
amino acid
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Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , TOPOLOGY: linear;
, MOLECULE TYPE: protein
US-08-414-926A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 WVCEWLKHOW 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
US-08-926-922-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-926-922-5
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No. 61875780 No. 6187578disk of No. 6187578th America, Inc.
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                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                               Length 399;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Blinkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Berka, Michael
APPLICANT: Golightly, Elizabeth
APPLICANT: Golightly, Elizabeth
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                        2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTED: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM COMPATIONS
SOFTWARE: FastSEQ for Windows Version 2.0
SURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-0CT-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Eliass J
NAME: Lambiris, Eliass J
                                                                                                                                                                                                                                                 4;
                                                                                                                                                                                                                                             Score 49; DB Pred. No. 12; 1; Mismatches
                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
TELECOMMUNICATION INFORMATION:
            TELEPHONE: 510-834-1448
TELEFAX: 510-839-7810
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-943-714-9; Sequence 9, Application US/08943714; Patent No. 6187578
                                                                                                 LENGTH: 399 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 405 Lexington Avenue
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                33,728
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
TELEX:
                                                                                                                                                                                                                                               45.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCEWLKHOWFCNAL 16
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amino acid
                                                                                                                                                                                                                                Query Match
Best Local Similarity 70.0'
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                                                                                                                                                                                                                                                                                                                                                        307 WVCEEPKHEW 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 61875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                 2 WVCEWLKHOW 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best_Local Similarity
Matches 7; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-943-714-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 3; Length 399;
12;
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COMPUTER READABLE FORM:

MEDLUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
CURRENT APPLICATION COMPANDATE: 26-Jun-2001
FILING DATE: 26-Jun-2001
CLASSIFICATION: <URKNOWn>
                 ZIP: 94610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OCMPUTER: IBM PC compatible
OFFATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Spacte, Richard
Cha, Tai-An
TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Luann Cserr Attorney at Law STREET: 750 Arimo Avenue
                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/527,657
FILING DATE: 17-Mar-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/926,922
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                         RAME: CSET, LUADN
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-839-7810
INFORMATION FOR SEQ ID NO: 5;
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/527,657
FILING DATE: 17-Mar-2000
APPLICATION NUMBER: US/08/926,922
FILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: CSerr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear;

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-527-657-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 49;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/09892100 Patent No. 6635477 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 399 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           45.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 70.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    307 WVCEEPKHEW 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 WVCEWLKHOW 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Oakland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-892-100-5
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APPLICANT: Peterson, David S.
APPLICANT: Su, Xin zhaun
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
INTERESPONDENCE: 37
CORRESPONDENCE ADDRESS: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 32, Application US/08487826B
Patent No. 5993827
GENERAL INPORMATION:
APPLICANT: Sim, Kim, L.
APPLICANT: Chitnis, Chetan
APPLICANT: Chitnis, Chetan
APPLICANT: Peterson, David S.
APPLICANT: Wellems, Thomas B.
TILLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TILLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TILLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEBE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 411;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 92660

COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DALENTION SANS-DOS
SOFTWARE: PATENTION PATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
T
                                                                                                                                                                                                                                      ADDRESSER: Knobbe Martens Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach STATE: California COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 2;
68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         40.7%; Score 44; DB 42.9%; Pred. No. 68; tive 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      229 WMTEWA--EWYCKA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 WVCEWLKHOWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 42.5.
Best Local Si Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 11
US-08-487-826B-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORIGINAL SOU
US-08-568-459A-20
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Patent No. 6551756
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US 60/094,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 31356
LENGTH: 588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ı,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 47; DB 4; Length 367;
Pred. No. 22;
6; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                   GENERAL INCORPATION:

APPLICANT: Kladde, Michael P.
APPLICANT: Simpson, Robert T.
APPLICANT: Simpson, Robert T.
TILLE OF INVENTION: Methyltransferase Gene and Enzyme; FILLE REFERENCE: 97-1861
CURRENT APPLICATION NUMBER: US/09/296,840A
CURRENT FILING DATE: 1999-04-22
PRIOR PILING DATE: 1998-04-22
NUMBER OF SEQ ID NOS: 12
SECFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .,
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42.1%; Score 45.5; I
Best Local Similarity 40.0%; Pred. No. 59;
Matches 8; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 WVCEWL-----KHOWFCNAL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 10
US-08-568-459A-20
; Sequence 20, Application US/08568459A
; Patent No. 5849306
; GENERAL INFORMATION;
APPLICANT: Sim, Kim L.
                                                                                                                                                                                   Sequence 3, Application US/09296840A
Patent No. 6492168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          285 WVCYARYASGAWRWLLHGWF 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 WVC------EWLKHOWF 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Chlorella Virus IL-3A
340 DWICHWLGNYEVANAV 355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           43.5%;
25.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sim, Kim L.
Chitnis, Chetan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match
Best Local Similarity 25.9%,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 9
US-09-252-991A-31356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-252-991A-31356
                                                                                                                         RESULT 8
US-09-296-840A-3
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TYPE: PRT
ORGANISM: Klebsiella pneumoniae
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                                                                                                                                                                                                                                                                                               40.7%;
(619) 235-8550
                                                                                                                                                                                                                                                                                                                                                                                                                   229 WMTEWA--EWYCKA 240
                                                                          LENGTH: 411 amino acids
TYPE: amino acid
STRANDEDNESS: single
              TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                              2 WVCEWLKHQWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 66.7
Matches 6; Conservative
                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 42.9
Matches 6; Conservative
                                                                                                                                                                                                                   internal
                                                                                                                        SIRALL-
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   328 RHOWFCERL 336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8 KHQWFCNAL 16
                                                                                                                                                                                                               FRAGMENT TYPE: 3

CRIGINAL SOURCE:

US-09-210-288-20
                                                                                                                                                                           HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-489-039A-7898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-489-039A-7898
TELEPHONE:
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Sequence 20, Application US/09210288

Batent No. 6392026

GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
APPLICANT: Miller, Louis H.
APPLICANT: Miller, Louis H.
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ï
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 2; Length 411;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                    SOFTWALES DAILER: TO LOSS FOR #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: US-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ISTACLSON, Ned
REGISTRATION NUMBER: 29,655
ATTORNEY/AGENT NUMBER: NH121.001CP1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAK: (619) 235-956
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 92660

ZIP: 92660

CONDUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40.7%; Score 44; DB 42.9%; Pred. No. 68; Live 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NIH121.1FWDV1
                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH
TELECOMMUNICATION INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   229 WMTEWA--EWYCKA 240
                                                                                                                                                                                                                                                                                                                                                         LENGTH: 411 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 WVCEWLKHQWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 42.99
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    internal
                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: CLASSIFICATION:
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TICAL: IN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FRAGMENT TYPE:
ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ANTI-SENSE:
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US-09-210-288-20
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APPLICANT: Miler, Louis H.
APPLICANT: Miler, Louis H.
APPLICANT: Miler, Louis H.
APPLICANT: Miler, Louis H.
APPLICANT: Willer, Louis H.
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OP SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     40.7%; Score 44; DB 2; Length 2710; ilarity 42.9%; Pred. No. 4.9e+02; Conservative 3; Mismatches 3; Indels
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: O'-DEC-1995
CLASSIFICATION NUMBER: 29,655
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELEFOMMUNICATION INFORMATION:
TELEFAX: (619) 235-850
TELEFAX: (619) 235-850
TELEFAX: (619) 235-850
SEQUENCE CHARACTERISTICS:
LENGTH: 2710 amino acide
TWOEN AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUBER: US/08/487,826B
FILLING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NH121.001CP1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORIGINAL SOURCE:
; ORGANISM: Plasmodium falciparum
US-08-568-459A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/08487826B Patent No. 5993827 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMEDIUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1138 WMTEWA--EWYCKA 1149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 WVCEWLKHOWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 92660
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US-08-487-826B-12
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September 8, 2004, 14:25:19 ; Search time 43.85 Seconds
(without alignments)
114.961 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                1298764 seqs, 315065143 residues
                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                OM protein - protein search, using sw model
                                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                 1 DWVCEFIKSQWFCNVL 16
                                                                                                                         US-09-825-517A-147
                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                         Title:
Perfect score:
                                                                                                                                                                          Scoring table:
                                                                                                                                                                                                                                                                                                                                                     Database :
                                                                                                                                                                                                                Searched:
                                                                                                                                                   Sequence:
                                                                          Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

App	Appl	App	App	App	App	App	Appl	App	App	App	App	App	App	App	Appl	App1	App	Appl	App	App									
151,	16,	100,	104,	105,	141,	148,	56,	116,	139,	113,	128,	109,	118,	123,	50,	68,	125,	135,	142,	107,	112,	114,	122,	133,	140,	144,	88,	σ	
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Seguence
517A-151	7A-76	7A-100	7A-104	-517A-105	7A-141	7A-148	7A-56	7A-116	7A-139	7A-113	-517A-128	7A-109	517A-118	7A-123	517A-50	-517A-68	7A-125	517A-135	517A-142	7A-107	517A-112	517A-114	7A-122	517A-133	517A-140	517A-144	-517A-88	7A-119	517A-149
-09-825-	-09-825-	-09-825-	-09-825-	-09-825-	-825	-09-825-	-825-	-09-825-	9-825-	825-	25	825-	325-	325-	-09-825-	325-	-09-825-	-09-825-	-09-825-	-09-825-	-09-825-	-09-825-	-09-825-	-825-	5	-09-825-	-09-825-	-09-825-	US-09-825-51
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
84.8	83.8	83.8	83.8	83.8	83.8	83.8	82.8	82.8	82.8	81.8	81.8	80.8	80.8	80.8	79.8	79.8	79.8	79.8	79.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	77.8	77.8	77.8
84	83	83	83	83	83	83	8	87	82	81	81	80	80	80	79	79	79	79	79	78	78	78	78	78	78	78	77	77	11
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	3.7	38	39	40	41	42	43	44	45

ALIGNMENTS

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Gaps
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0
             Sequence 117, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1065-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2003-03-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 99; DB 11;
100.0%; Pred. No. 1.7e-07;
Live 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Marches 16; Conservative
US-09-825-517A-147
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US-09-825-517A-75
                                                                                                                                                                                                                                                                                                                             SEQ ID NO 147
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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TYPE: PRT
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US 09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOCTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 137
LENGTH: 16
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US-09-825-517A-80

Sequence 80, Application US/09825517A

Sequence 80, OBJOCATION US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Iseac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPRESENCE: DYX-016. 1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
91.9%; Score 91; DB 11; Length 16
Best Local Similarity 87.5%; Pred. No. 2.3e-06;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-137
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                     APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              91.9%; Score 91; DB 11;
81.2%; Pred. No. 2.3e-06;
tive 2; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 81.2*
Matches 13; Conservative
APPLICANT: Rondon, Issac J
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                                                                                                                                                                                                                                                                            SEQ ID NO 75
LENGTH: 16
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; GENERAL INFORMATION:
; APPLICANT: Rondon, ISSAC J
; APPLICANT: Rondon, ISSAC J
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: ANTIGEN (CEA.); FILE REFERENCE: DXx-016.1 (3421.1005-001); CURRENT APPLICATION NUMBER: US/09/825,517A; CURRENT FILING DATE: 2003-03-24; PRIOR PELING DATE: 2000-04-03; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: PASESEQ for Windows Version 4.0
; SEQ ID NO 59 SEC ID NO 5151
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-012.4
FRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 150
LENGTH: 16
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Local Similarity 91.2%; Pred. No. 3.3e-06;
nes 13; Conservative 1; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SSOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 16
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Best Local Similarity 87.5%;
Matches 14; Conservative
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Gaps
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Sequence 65, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: RODERT C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX -016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24

PRIOR PLICATION NUMBER: US/09/825,517A

PRIOR PLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 65

LENGTH: 16
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81.2%; Pred. No. 1.2e-05;
iive 2; Mismatches 1; Indels
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    Indels
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                                                                                                                                                                                                                                                           APPLICANT: ROMON, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
    1;
    Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 146
LENGTH: 16
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Sequence 146, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Seguence
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                                                1 DWVCEFIKSQWFCNVL
    13; Conservative
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Best Local Similarity
Matches 13; Conserv
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    Matches
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Sequence 86, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Ladner, Nobert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES
FILE REFERENCE: DXX-016.1 (34.21.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SEQ ID NO 86

LENGTH: 16
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CRA);
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PILING DATE: 2003-03-24
PRIOR PILIOR DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 127
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                             Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            88.9%; Score 88; DB 11; Length 16; 81.2%; Pred. No. 6.3e-06;
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                                                                                                                                                    1; Indels
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                                                                                                         Score 89; DB 11;
Pred. No. 4.5e-06;
2; Mismatches 1;
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                    ; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-59
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; GENERAL INFORMATION:
                                                                                                         Query Match
Best Local Similarity 81.2%;
Matches 13; Conservative
                                                                                                                                                                                                1 DWVCEFIKSQWFCNVL 16
                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
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Matches 13; Conservative
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Best Local Similarity
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Sequence 130, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        84.8%; Score 84; DB 11; Length 16; 75.0%; Pred. No. 2.4e-05; cive 4; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/9425,517A
CURRENT FILING DATE: D003-03-24
PRIOR PULLING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEC ID NO 67
SEQ ID NO 67
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: 203-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                    84.8%; Score 84; DB 11; I larity 81.2%; Pred. No. 2.4e-05; Conservative 1; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                , OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 151
SOTTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 126
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 126, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 75.0°
Matches 12; Conservative
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Best Local Similarity
Matches 13; Conserv
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US-09-825-517A-130
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIERN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 49
LENGTH: 16
                                                                                                                      APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/625,517A
CURRENT FILING DATE: 2003-03-24
FRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 78
LENGTH: 16
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81.2%; Pred. No. 2.4e-05;
iive 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
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81.2%; Pred. No. 1.7e-05;
tive 1; Mismatches 2; Indels
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                                                    ; Sequence 78, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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; Sequence 49, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEFIKSOWFCNVL 16
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ORGANISM: Artificial Sequence
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Nes 13; Conservative
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Matches 13; Conserva
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US-09-825-517A-49
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Gaps

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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; CTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-130
Query Match
Best Local Similarity 75.0%; Pred. No. 2.4e-05;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps
Oy 1 DWVCENTEXONFOUND 16
Db 1 DWVCENTEXONFOUND 16
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Search completed: September 8, 2004, 15:58:38 Job time: 43.85 secs

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1 DW-----VCEFIKSQWFCNV 15
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Matches 6; Conserv
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COUNTRY:
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Sequence 69, Appl
Sequence 7, Appl
Sequence 13, Appl
Sequence 220, App
Sequence 220, App
Sequence 220, App
Sequence 220, Appl
Sequence 220, Appl
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3, Appli
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220, App
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220, App
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                                                                        8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
        GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-292-225-15
US-09-292-225-18
US-09-328-352-6959
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US-08-07-557-769B-69
US-08-313-553-13
US-08-476-000-7
US-08-476-000-7
US-08-475-263-20
US-08-477-362-220
US-08-477-362-220
US-08-477-334-220
US-08-477-334-220
US-08-477-320
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US-08-474-410-7
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3-09-217-101-3
3-08-018-760-220
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US-08-767-993-13
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Match Length
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28 41 41.4 401 4 US-09-252-991A-17272 Sequence 17272, Appl 30 40 40.4 21 4 US-09-337-227C-27 Sequence 27, Appl 31 40 40.4 21 4 US-09-337-227C-27 Sequence 27, Appl 32 40 40.4 220 4 US-09-328-352-6740 Sequence 6740, Appl 32 40 40.4 280 4 US-09-328-352-6740 Sequence 6740, Appl 33 40 40.4 399 1 US-08-489-039A-7566 Sequence 5, Appl 35 40 40.4 399 3 US-09-25-5 Sequence 5, Appl 36 40 40.4 399 3 US-09-25-5 Sequence 5, Appl 37 40 40.4 399 3 US-09-25-5 Sequence 5, Appl 37 40 40.4 399 3 US-09-25-5 Sequence 5, Appl 37 40 40.4 480 2 US-08-82-18-35 Sequence 5, Appl 40 40.4 480 4 US-09-29-689-8 Sequence 7815, Appl 40 40.4 480 4 US-09-29-689-8 Sequence 8, Appl 40 40.4 480 4 US-09-29-689-8 Sequence 336, Appl 41 40 40.4 480 4 US-09-29-689-8 Sequence 336, Appl 40 40.4 480 4 US-09-29-689-8 Sequence 336, Appl 40 40.4 480 4 US-09-614-125-336 Sequence 336, Appl 40 40.4 480 4 US-09-589-184-336 Sequence 336, Appl 40 40.4 480 4 US-09-58
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USG-00-116-770-36

Sequence 36, Application US/08118270

Sequence 36, Application US/08118270

Patent No. 550834

GENERAL INPORATION:

APPLICANT: MULPAP, Randall B.
APPLICANT: Scineter, David 1.

TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF COMPANION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF COMPANION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF COMPANION: APPLICANT: Washington

STATE: JOIGH NATION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF COMPUTER, READABLE FORM:
MUNDER OF SEQUENCES: 348

COMPUTER, READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER, READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER, READABLE FORM:
MEDIUM TYPE: PATENTIA SYSTEM: OS 1994

COMPUTER, READABLE FORM:
MEDIUM TYPE: PATENTIA SYSTEM: OS 1994

COMPUTER, READABLE FORM:
MEDIUM TYPE: PATENTIA SYSTEM: OS 1994

ATTORNEY ARREST INFORMATION:
PATENTIANG DATE: 10-5EP-1992

ATTORNEY ARREST INFORMATION:
MAME: TOWNERSH, 100 1994

REFERENCE/POCKET WUMBER: 34, 033

RESTSTRATION NUMBER: 34, 033

REFERENCE/POCKET WUMBER: 10-568-5197

TELLEFAN: AS 202-79-526

SEQUENCE CHARACTRELSTICS:
LENGTH: 322 amino acids

STRANDBNESS: single
MOLECULE TYPE: Peptide

US-08-118-270-36

QUARTY MATCH 65, COLSE-193 3; Indels 5; Gaps 11, Marches 6; Conservative 5; Mismatches 3; Indels 5, Gaps 11,
Marches 6; Conservative 5; Mismatches 3; Indels 5, Gaps 11,
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Query Match
Best Local Similarity
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                                                                                ESULT 2
CT-US93-08528-36
CT-US93-08528-36
Sequence 36, Application PC/TUS9308528
GENERAL INFORMATION:
FOUNDATION:
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
CORRESPONDENCES:
ADDRESSEE: BROWNY AND NEIMARK
ADDRESSEE: BROWNY AND NEIMARK
ADDRESSEE: BROWNY AND NEIMARK
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TITLE OF INVENTION: RECOMBINANT RECEPTOR AND RELATED
TITLE OF INVENTION: PHARMACEUTICALS
WINNER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: IRELL & MANELLA
ADDRESSEE: IRELL & MANELLA
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TEM PC COMPATION
SOFTWARE: PATENTIN DATA:
APPLICATION NUMBER: PCT/US93/08528
FILING BAPLICATION NUMBER: DCT/US93/08528
FILING APPLICATION NUMBER: US 07/943,236
FILING APPLICATION NUMBER: US 07/943,236
FILING APPLICATION NUMBER: US 07/943,236
FILING DATE: 10-SEP-1992
ATTORNEY/AGRNT INFORMATION:
NAME: TOWNSER: MORPHY=2 PCT
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAKE: 202-628-5197
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STREET: 545 MIDDLEFIELD ROAD, SUITE 200
CIIY: MENLO PARK
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Patent No. 5256766
GENERAL INFORMATION:
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62 DWQFGSELCRFVTAAFYCNM 81
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INFORMATION FOR SEQ ID NO: 36: SEQUENCE CHARACTERISTICS: TWOTH: 322 amino acids
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Best Local Similarity 30.0*
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PCT-US93-08528-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                            STATE: D.C. COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                   ZIP: 20004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-657-769B-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: SUNDELIN, JOHAN
APPLICANT: SCARBOROUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT C140 RECEPTOR AND ITS
TITLE OF INVENTION: AGONISTS AND ANTAGONISTS
NUMBER OF SECTIONCES: 59
CORRESPONDENCE ADDRESS:
                                                           OPERATING SYSIEM: P.C.-UCS/MS-LOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/657,769B
FILING DATE: 19910219
FILING DATE: 19910219
FILING PATE: 19910219
ATTORNEY/AGENT INFORMATION:
NAME: MURABHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,959
TELECHONE: 415-327-7250
TELEPHONE: 415-327-2251
TELEPHONE: 415-327-2251
TELERX: 706141
INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
TYPE: AMINO ACID
TOTAL AND ACID
TOTAL AND ACID
TOTAL AND ACID
TOTAL AND ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/097,938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 42.5; DB Pred. No. 51; 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22803-20006.00
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CLASSIFICATION: 435
TORNEY/ACENT
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    167 DWOFGSELCRFVTAAFYCNM 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DW-----VCEFIKSQWFCNV 15
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Patent No. 5629174
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: MURASHIGE KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 2280
TELECHMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFX: 90-4030
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        42.9%;
ilarity 30.0%;
Conservative 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-657-769B-69
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STRANDEDNESS: single
TOPOLOGY: linear
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Matches
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Patent No. 5641650
GENERAL INFORMATION:
APPLICANT: TURNER, George J.
APPLICANT: BETLACH, Mary C.
TITLE OF INVENTION: EXPRESSION OF HETEROLOGOUS POLYPEPTIDES
TITLE OF INVENTION: IN HALOBACTERIA
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
  DB 1; Length 425;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1; Length 425;
                                           3; Indels
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Patent No. 5688768
GENERAL INFORMATION: SHAUN R.
APPLICANT: COUGHLIN, SHAUN R.
APPLICANT: SCARBOROUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES: 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PATENTIN RELease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,553
Score 42.5; DI
Pred. No. 51;
6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 51;
5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
42.5;
Best Local Similarity 30.0%; Pred. No. 51
Matches 6; Conservative 6; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Dreger, Walter H.
REGISTATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-57669/WHD
RELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3349
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/038,662
FILING DATE:
                                                                                                          167 DWQFGSELCRFVTAAFYCNM 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  161 DWQFGSELCRFVTAAFYCNM 180
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                                                                                  1 DW-----VCEFIKSOWFCNV 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/NG
Query Match 42.9%;
Best Local Similarity 30.0%;
Matches 6; Conservative 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS: LENGTH: 425 amino acids
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
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                                                                                                                                                                                                          US-08-313-553-13
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Sequence 7, Application US/08476000
Patent No. 5716789
GENERAL INFORMATION:
APPLICANT: STANDELIN, JOHAN
APPLICANT: STANDELIN, JOHAN
TITLE OF INVENTION: RECOMBINANT C140 RECEPTOR, ITS AGONISTS
TITLE OF INVENTION: AND ANTAGONISTS, AND NUCLEIC ACIDS ENCODING THE RECEPTOR
NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 2006-1812
COMPUTER READBLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,000
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRICR APPLICATION DATA:
APPLICATION NUMBER: US 08/390,301
FILING DATE: 25-JAN-1995
ATTONEY/AGENT INFORMATION:
                                                                                                                                                COMPUTER, READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPPERTUR SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/789,184
FILING DATE: 19911107
CLASSIFICATION: 514
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ADDRESSE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
CITY: Washington
STATE: D.C.
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 22000-20502.20
TELECOMMUICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6; Mismatches
                    ADDRESSE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 DW-----VCEFIKSQWFCNV 15
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 425 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 34-0154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                             RY: USA
94304-1018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-07-789-184-220
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                                                                                   STATE: Ca
COUNTRY:
ZIP: 9430
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RESULT 9
US-08-472-840-7
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Best Local S
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                                                                                                                                                                                                                                                                                Query Match 42.9%; Score 42.5; DB 1; Length 425; Best Local Similarity 30.0%; Pred. No. 51; Matches 6; Conservative 6; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: COUGHLIN, SHAUN R.
APPLICANT: COUGHLIN, ROBERT M.
TITLE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE PATENTIN FOLDS/MID-DOS
SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/475,263
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTONREY/AGBNT INFORMATION:
NAME: WITHARLICE, KATE H.
REGISTRATION NUMBER: 29,959
REFRENCE/DOCKET NUMBER: 29,959
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SP7-0763
TELER: 90-4030
TELER: 90-4030
TELER: 90-4030
SEQUENCE CHARACTERISTICS:
REFERENCE/DOCKET NUMBER: 2803-0006.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 2000 Pennsylvania Ave., NW CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 220, Application US/08475263
Patent No. 5759994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                167 DWQFGSELCRFVTAAFYCNM 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               167 DWOFGSELCRFVTAAFYCNM 186
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               TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEPAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : 425 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    // MOLECULE TYPE: protein US-08-475-263-220
                                                                                                                                                                                                                  ; TOPOLOGY: linear
US-08-476-000-7
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Wash
STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 8
US-08-475-263-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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Sequence 7, Application US/08472840

Patent No. 5763575

GENERAL INFORMATION:
APPLICANT: SUNDELIN, JOHAN
APPLICANT: SCARBOROUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT C140 RECEPTOR, ITS AGONISTS
TITLE OF INVENTION: AND ANTAGONISTS, AND NUCLEIC ACIDS ENCODING THE RECEPTOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: COUGHLIN, SHAUN R.
APPLICANT: SCARBOROUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND
TITLE OF INVENTION: RELATED PHARMACEUTICALS
TOWNERS OF SEQUENCES: 223
NOWRESPONDENE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                COUNTRY: USA

ZIT: AGAILINGLOID

COUNTRY: USA

ZIP: 20006-1812

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: Parentin Release #1.0, Version #1.30

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,840

FILING DATE:
CLASSIFICATION NUMBER: US/08/390,301

FILING DATE: 25-JAN-1995

ATTORNEY/AGENT INFORMATION:
NAME: ADIER, REID G.

REFERENCE/DOCKET NUMBER: 30,988

REFERENCE/DOCKET NUMBER: 30,988

REFERENCE/DOCKET NUMBER: 2803-0006.20

TELECOMMUNICATION NUMBER: 2803-0006.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 42.5; D
Pred. No. 51;
6; Mismatches
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; Sequence 220, Application US/08485886
; Sequence 250, Application US/08485886
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             167 DWQFGSELCRFVTAAFYCNM 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (202) 887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (202) 507-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       425 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity 30.0
tes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
US-08-472-840-7
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Gaps

2

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Score 42.5; DB 2; Length 425; Pred. No. 51;
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                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 220, Application US/08477134

PATENT NO. 585648

GENERAL INFORMATION:
APPLICANT: COUGHLIN, SHAUN R.
TITLE OF INVENTION:
TITLE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,134
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: US 07/789,184
FILING DATE: 07-NOV-1991
ATPORNEY/AGENT INPORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFRENCE/DOCKET NUMBER: 29,959
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        42.9%; Scor.
30.0%; Pred. No. 5±,
                                                                                                                                                                                                                 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 94304-101B
COMPUTER READABLE FORM:
MEDUIN TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                         || :| |: ::||:
167 DWQFGSELCRFVTAAFYCNM 186
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; Sequence 3, Application US/08911320A
                                                                                                                                                                                                                                                                 1 DW-----VCEFIKSQWFCNV 15
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                                                                                                                                                                      42.9%;
                               : 425 amino acids
amino acid
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amino acid
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Best Local Similarity 30.0°
Matches 6; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 30.0°
Matches 6; Conservative
           SEQUENCE CHARACTERISTICS
                                                                  TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-477-362-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: protein US-08-477-134-220
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California
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US-08-477-134-220
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STATE:
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Patent No. 5849507
GENERAL INFORMATION:
APPLICANT: COUGHLIN, SHAUN R.
APPLICANT: SCARBOROUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT THROWBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER KEALABLE FORCE:

WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,362
FILING DATE: 07-00N-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,184
FILING DATE: 07-00V-1991
ATTORNEY AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,95
REGISTRATION NUMBER: 29,95
REGISTRATION NUMBER: 29,95
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTAMER: Patentin Release #1.0, Version #1.25
SUBTRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,886
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,184
FILING DATE: 07-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: MURABHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22000-20502.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFRAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 22000-20502.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 42.5; Pred. No. 51;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  167 DWQFGSELCRFVTAAFYCNM 186
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755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 DW-----VCEFIKSQWFCNV 15
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INFORMATION FOR SEQ ID NO: 220:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 34-0154
INFORMATION FOR SEQ ID NO: 220:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 30.0%;
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-485-886-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 755 Page M
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-477-362-220
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Gaps

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DB 2; Length 425;
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Patent No. 5892014

GENERAL INFORMATION:
APPLICANT: Coughlin, Shaun
APPLICANT: Connolly, Andrew
TITLE OF INVENTION: Protease Activated Receptor
TITLE OF INVENTION: 3 and Uses Thereof
NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZOUNTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKELEL COMPATIBLE

COPERATING SYSTEM: DOS

SOFTWARE: FASTESE for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/742,440A

FILING DATE: 30-OCT-1996

CLASSIFCATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
42.9%; Score 42.5; D
Best Local Similarity 30.0%; Pred. No. 51;
Matches 6; Conservative 6; Mismatches
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/390,301
FILING DATE: 25-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: ADLER, REID G.
REGISTRATION NUMBER: 30,986
REFERENCE/DOCKET NUMBER: 2803-0006.20
TELECOMMUNICATION INFORMATION:
TELEFANS: (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Bozicevic & Reed, LLP
285 Hamilton Avenue, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UCAL/060PAT
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEPAX: 650 327-3231
                                                                                                                                                                                                                                                                             TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-476-976-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  425 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-742-440A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH:
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APPLICANT: SUNDELIN, JOHAN
APPLICANT: SCARRENCHOUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT C140 RECEPTOR, ITS AGONISTS
TITLE OF INVENTION: AND ANTAGONISTS, AND NUCLEIC ACIDS ENCODING THE RECEPTOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ä
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                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC COMPUTER:
COMPUTER: PACHICATION DATA:
APPLICATION NUMBER: US/08/911,320A
FILING DATE: August 14, 1997
RIGHTON APPLICATION DATA:
APPLICATION NUMBER: 08/467,125
FILING DATE: 6-JUN-1995
ATTORNEY/AGENT INPORMATION:
NAME: B111ings, Lucy 7
REGISTRATION NUMBER: 36,749
RELEPAK: 650-845-416
INPORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LUCY TELEPAK: 650-845-416
INPORMATION FOR SEQ ID NO: 3:
LUCY TELEPAK: 650-845-4166
INPORMATION FOR SEQ ID NO: 3:
LUCY TELEPAK: 650-845-4166
INPORMATION FOR SEQ ID NO: 3:
LUCY TELEPAK: 650-845-4166
INPORMATION FOR SEQ ID NO: 3:
LUCY TELEPAK: 650-845-4166
INPORMATION FOR SEQ ID NO: 3:
LUCY TEM PACTERISTICS:
LUCY 
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STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
CITY: Mashington
STATE: D.C.
COUNTRY: USA
ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: BLOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
                         GENERAL INFORMATION:
APPLICANT: INCYTE PHARMACEUTICALS, INC.
TITLE OF INVENTION: THROMBIN RECEPTOR HOMOLOG
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
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APPLICATION NUMBER: US/08/476,976
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42.9%; Scor.
30.0%; Pred. No. 51.
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Patent No. 5874400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 30.09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single;
TOPOLOGY: linear
US-08-911-320A-3
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US-08-476-976-7
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Gaps

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US-08-742-440A-7
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Ϊ; Query Match 42.9%; Score 42.5; DB 2; Length 425; Best Local Similarity 30.0%; Pred. No. 51; Matches 6; Conservative 6; Mismatches 3; Indels 5; Gaps

1 DW-----VCEFIKSQWFCNV 15 | | : ::||: 167 DWQFGSELCRFVTAAFYCNM 186

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Search completed: September 8, 2004, 14:31:54 Job time: 14.3 secs

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Page

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September 8, 2004, 14:25:19; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
                                                                                                                                                                                                                                                                                  GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                        1298764 segs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                      using sw model
                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                            104
1 DWVCEWLKSQWFCNSL 16
                                                                                                  US-09-825-517A-146
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Maximum DB seq length: 200000000
                                      protein search,
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1111...
112...
113...
114...
114...
118...
                                                                                                            Perfect score:
                                                                                                                                          Scoring table:
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                                       OM protein
                                                                                                                                                                        Searched:
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                                                            Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Sequence 146, Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence US-09-825-517A-146
US-09-825-517A-141
US-09-825-517A-144
US-09-825-517A-138
US-09-825-517A-136
US-09-825-517A-138
US-09-825-517A-138
US-09-825-517A-143
US-09-825-517A-143
US-09-825-517A-143
US-09-825-517A-143
US-09-825-517A-143
US-09-825-517A-143
US-09-825-517A-112
US-09-825-517A-125
US-09-825-517A-125 DB Query Match Length 100.0 92.3 92.3 92.3 88.5 86.5 82.7 82.7 82.7 Score Result Š.

49, 1 151, 67, 2 139, Sequence 1 Sequence 8 Sequence 5 Sequence 1 Sequence 4 Sequence Sequence Sequence Sequence Sequence Sequence 3 Sequence US-09-825-517A-140 US-09-825-517A-142 US-09-825-517A-56 US-09-825-517A-59 US-09-825-517A-78 US-09-825-517A-18 US-09-825-517A-18 US-09-825-517A-137 US-09-825-517A-105 US-09-825-517A-105 US-09-825-517A-105 US-09-825-517A-105 US-09-825-517A-117 US-09-825-517A-117 US-09-825-517A-117 US-09-825-517A-137 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90 US-09-825-517A-90

ALIGNMENTS

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                               APPLICANT: Rondon, Issac J
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 104; DB 11;
100.0%; Pred. No. 5e-07;
ive 0; Mismatches 0;
                 ; Sequence 146, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
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US-09-825-517A-146
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LENGTH: 16
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Sequence 141, Application US/09825517A; Dublication No. US20030203415A1; GENERAL INFORMATION:

148, App 130, App 126, App 126, App 138, App 147, App 103, App 112, App 122, App

Sequence Sequence

Sequence Sequence Sequence

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Query Match
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                                                                                                                                             TYPE: PRT
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APPLICANT: Ladner, robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REBERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US 09/825,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOUTHARE: EastSEQ for Windows Version 4.0

SEQ ID NO 141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rondon, IBBAC J
APPLICANT: Rondon, IBBAC J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASISEQ for Windows Version 4.0
SEQ ID NO 144
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 92.3%; Score 96; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 5.5e-06; Matches 14; Conservative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-144
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Isac J
APPLICANT: Rondon, Isac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 92.3%; Score 96; DB 11; Best Local Similarity 87.5%; Pred. No. 5.5e-06; Matches 14; Conservative 1; Mismatches 1.
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                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 DWVCEWLKSOWFCNSL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 DWVCEWLKSQWFCNSL 16
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US-09-825-517A-148
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APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1065-001)
CURRENT APPLICATION NUMBER: US/09/0925,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-825-517A-68

Sequence 68, Application US/09825517A

Publication No. US20030203415A1

GENERAL INPORMATION:

APPLICANT: Radier, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                 Query Match 92.3%; Score 96; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 5.5e-06; Matches 14; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                 NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
LENCTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 68
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 130, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCEWLKSOWFCNSL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 DWVCEWLKHOWFCNAL 16
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                                                                                                                                                                                            ORGANISM: Artificial Sequence
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APPLICANT: Rondon, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FEALES OF THE CONDON OF SEQ ID NOS: 151
SEQ ID NO 138
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14.0. Application US/09825517A

Publication No. US20030203415A1

GENERAL INNORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXx-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR PELICATION NUMBER: US/09/825,517A
PRIOR PELICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 143
LENGTH: 16
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82.7%; Score 86; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 0.00011;
Matches 13; Conservative 0; Mismatches 3; Indels
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     Indels
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     3;
     Mismatches
                                                                                                                                                                                                                        Sequence 138, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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                                                                                     1 DWVCEWLKMQWACNML 16
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                      1 DWVCEWLKSOWFCNSL
     13; Conservative
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     Matches
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APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016 1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 86; DB 11; Length 16; Pred. No. 0.00011;
                                                                                                                              Length 16;
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                                                                                                                                                                            3; Indels
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
PAPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
                                                                                                                   Query Match

86.5%; Score 90; DB 11;
Best Local Similarity 81.2%; Pred. No. 3.3e-05;
Matches 13; Conservative 0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: DYX-016.1 (3421.1005-001); CURRENT APPLICATION NUMBER: US/09/825,517A.
CURRENT FILING DATE: 2003-03-24; PRIOR PRIOR APPLICATION NUMBER: US 09/541,345; PRIOR FILING DATE: 2000-04-03; NUMBER OF SEQ ID NOS: 151
SOFTWARE: FABLSEQ for Windows Version 4.0; SEQ ID NO 54
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
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                                              OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                        US-09-825-517A-126; Sequence 126, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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81.2%;
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ORGANISM: Artificial Sequence
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Best Local Similarity 81.23
Matches 13; Conservative
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Best Local Similarity
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US-09-825-517A-54
                                                                     US-09-825-517A-68
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Best Local Similarity
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                                                                                                APPLICANT: Ladner, research of TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CRA); FILE REFERENCE: DYX-016.1 (3421.1005-001); CURRENT FILING DATE: 2003-03-24; PRIOR APPLICATION NUMBER: US 09/541,345; PRIOR FILING DATE: 2000-04-03; SOFTWARE: PRESCO ID NOS: 151; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 82.7%; Score 86; DB 11; Length 16
Best Local Similarity 81.2%; Pred. No. 0.00011;
Matches 13; Conservative 2; Mismatches 1; Indels
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APPLICANT: RONDON, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/8241,345
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 103
LENOTH: 16
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# Publication No. US20030203415A1
# GENERAL INFORMATION:
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GENERAL INFORMATION: APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
                     Sequence 147, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
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ORGANISM: Artificial Sequence
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Matches 12; Conservative
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US-09-825-517A-112
US-09-825-517A-147
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING REPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2009-04-03
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US-09-825-517A-125
Sequence 125, Application US/09825517A
Sequence 125, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
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Best Local Similarity 81.2%; Pred. No. 0.00015;
Matches 13; Conservative 0; Mismatches 3; Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA) FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FARESEQ FOR WINDOWS Version 4.0
SEQ ID NO 112
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-112
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 122
LENCTH: 16
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 16
; TYPE: PRT
; O'RGANISM: Artificial Sequence
; FEATURE:
; O'THER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-125

Query Match
Best Local Similarity 81.2%; Score 85; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 0.00015;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
O'THOUSEMISCONFORMENTIONS 16
Db 1 DWVCEWLKAQARCNVL 16
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Search completed: September 8, 2004, 15:58:38 Job time: 43.85 secs

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Sequence 23299, A Sequence 2666, Ap Sequence 218, Appl Sequence 1155, Ap Sequence 28, Appl Sequence 28, Appl Sequence 294, Appl Sequence 20, Appl Sequence 12, Appl Sequence 12, Appl Sequence 12, Appl Sequence 6, Appl Sequence 6, Appl Sequence 12, Appl Sequence 12, Appl Sequence 14, Appl Sequence 6, Appl Sequence 26, Appl Sequence 95, Appl Sequence 95, Appl Sequence 24, Appl S
                                                                                                                                                                         8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
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3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PcTuS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-621-976-5666
US-09-252-991A-21369
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US-07-894-063A-6
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Maximum Match 1008
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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104
1 DWVCEWLKSQWFCNSL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Database
                                                                                                                                                                                  Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Result
No.
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Sequence 6, Appli Sequence 11, Appl Sequence 36, Appl Sequence 36, Appl Sequence 30, Appl Sequence 54, Appli Sequence 54, Appl Sequence 53, Appl Sequence 12, Appl Sequence 12, Appl Sequence 23, Appl		SEQUENCES RELATING TO PSEUDOMONAS. ND THERAPEUTICS	Length 646; ; Indels 0; Gaps 0;		
US-09-690-359-6 DC-US92-06965A-11 US-08-867-611-36 US-09-690-359-36 US-09-444-818-30 US-08-444-818-54 US-08-444-818-54 US-08-851-567B-53 US-08-851-567B-12 US-08-851-567B-12 US-08-81-567B-12 US-08-81-567B-89 US-08-81-567B-89 US-08-81-671A-23 US-08-466-975A-23 US-08-467-902A-23 US-08-275-265-23	ALIGNMENTS	O ACID	Score 48; DB 4; Len Pred. No. 27; 3; Mismatches 6;		9621976 , J.B. ncoded Human Proteins. /09/621,976
516 517 517 517 517 517 517 517 517			46.2%; larity 40.0%; Conservative	WVCEWLKSQWFCNSL 16 : : : WPAVWVVSRWMCGSM 104	ication US/0 :: iine Edwards . S. n. J.Y. : EST8 and E. NSET. 054 RR2 NNUMBER: US, E: 2000-07-1. OS: 19335
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		IA-23299, Ap. 6551795 (ORMATIC COMMATIC COMMATIC COMMATIC COMMATIC COMPATIC COMPATIC COMPATIC COMPATICAL CALL OF COMPATICAL CALL OF CALL	ıtch al Simi 6;	2 WVCEWLK : 90 WPAVWVV	SULT 2 -09-621-976-5666 Patent No. 6639063 GENERAL INFORMATION: APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Glordano, J.Y. TITLE OF INVENTION: ESTS and Encoded Human TITLE OF INVENTION ISSTS and Encoded Human CURRENT APPLICATION NUMBER: US/09/621,976 UNRENT FILING DATE: 2000-07-21 SOFTWARE: PATENT. DEMOTH: 71 FUNDER OF SEQ ID NOS: 19335 SSC ID NO 5666 LENGTH: 71 FUNDER OF SEQ ID NOS: 19355
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		RESULT 1 US-09-252-99; Sequence 22; Patent No.; GENERAL IN APPLICANT, ITILE OF 1 ITILE O	Query Ma Best Loc Matches	Qy Db -	RESULT 2 US-09-621-97 Sequence 5 Patent No 5 GENERAL II APPLICANY 7 APPLICANY

TYPE: PRT ORGANISM: Homo sapiens FEATURE:

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43.8%; Score 45.5; D
34.8%; Pred. No. 36;
tive 2; Mismatches
                                                                                            4990.200-US
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; Patent No. 6639063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-721-870-28
; Sequence 28, Application US/09721870
; Patent No. 6632621
              CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias 3,728
REGISTRATION NUMBER: 33,728
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPHONE: 212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                    340 DWICHWLGNYEVANAV 355
                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEWLKSQWFCNSL 16
03-OCT-1997
                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acids
TYPE: amino acids
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 34.0.
Local Similarity 34.0.
Local Similarity 34.0.
Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Homo sapiens
US-09-721-870-28
                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
US-08-943-714-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-621-976-7155
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TYPE: PRT
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APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERCHICA CAND THERAPEUTICS

FILE REFERENCE: 107196_136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER: OS 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER: OS 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER: OS 21369

SEQ ID NO 21369
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                                                                                                                   Gaps
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Pred. No. 13;
1; Mismatches 3; Indels
                                                                              DB 4; Length 71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Blinkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Golightly, Elizabeth
APPLICANT: Golightly, Elizabeth
APPLICANT: Mathisen, Thomas Brik
APPLICANT: Mathisen, Thomas Brik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
                                                                                                                   7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/943,714
                                                                                                                   Mismatches
                                                                              Score 47;
Pred. No.
                                                                                                                                                                                                                                                                      US-09-252-991A-21369
; Sequence 21369, Application US/09252991A
; Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/08943714 Patent No. 6187578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) ORGANISM: Pseudomonas aeruginosa US-09-252-991A-21369
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 405 Lexington Avenue CITY: New York
                                                                              45.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     44.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCEWLKSOWFC 13
                                                                                                                                                                                                54 DWNCVWEPHHWLC 66
                                                                                                                     Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 61875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          36 WLCAWLASCW 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 WVCEWLKSQW 11
                                                        Query Match
Best Local Similarity
6; Conserve
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                      ; LOCATION: -24..-1
US-09-621-976-5666
  NAME/KEY: SIGNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Lowery, David E.

APPLICANT: Geary, Timothy G.

APPLICANT: Mubiak, Terson, Martha J.

TILE OF INVENTION: MODULATORS OF G PROTEIN-COUPLED RECEPTORS

FILE REFERENCE: 28341/6223

CURRENT APPLICATION MOMBER: US/09/721,870

CURRENT FILING DATE: 2000-11-24

NUMBER OF SEQ ID NOS: 180

SOFTWARE: Patentin Ver: 2.0

SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Indels 11;
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Query Match

44.2%; Score 46; DB 3; Length 423;
Best Local Similarity 37.5%; Pred. No. 34;
Matches 6; Conservative 4; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET. OS.
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOSTWARE: Patent.pm
SEQ ID NO 7155
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Sequence 86, Application US/08484631
Patent No. 5830851
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Best Local Similarity 38.5
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                              Y: USA
94105-1492
                                          ; Patent No. 5830851
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Wright
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    US-08-484-631-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-484-631-86
                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Chang, Ray S.
APPLICANT: Chang, Ray S.
APPLICANT: Kashyap, Arun K.
APPLICANT: Joiliffe, Linda K.
APPLICANT: Joiliffe, Linda K.
APPLICANT: Mulcahy, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the TITLE OF INVENTION: Erythropoietin Receptor NUMBER OF SEGUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco
                                                                                                                     11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
                                                                              DB 4; Length 89;
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                                                                                                                     Indels
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SOFTWARE PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/08/484,635
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U$ 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATTEL-WACKOSKI, EUGENIA
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELECOMMUNICATION INFORMATION:
                                                                            42.8%; Score 44.5; Dilarity 30.8%; Pred. No. 11; Conservative 2; Mismatches
                                                                                                                                                                                  45 DWLADWWKVGWTKGGHVSSOHOFCTS 70
                                                                                                                                                         ---FCNS 15
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                       Sequence 86, Application US/08484635
Patent No. 5773569
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    Wrighton, Nicholas C.
Dower, William J.
Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (415) 543-9600
TELEPAX: (415) 543-5943
INFORMATION FOR SEO ID NO: 86,
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 38.59,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEWLKSQWFC 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-621-976-7155
                                                                                                                                                       1 DWVCEWLKSQW-
                                                        Query Match
Best Local Similarity
'''^ 8; Conserv?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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                                                                                                                                                                                                                                                                           US-08-484-635-86
                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
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Gaps
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                                                                     APPLICANT: Kashyap, Arun K.
APPLICANT: Tolliffe, Linda K.
APPLICANT: Johnson, Dana
APPLICANT: Johnson, Dana
APPLICANT: Willow, Linda
TITLE OF INVENTION: Compounds and Peptides That Bind to the
TITLE OF INVENTION: Erythropoietin Receptor
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Compounds and Peptides That Bind to the Erythropoietin Receptor 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/484,631
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                 ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco STAFE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 44; DB 2;
Pred. No. 3.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Garrett-Wackowski, Eugenia
REGISTRATION VUNBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-2
TELECOMMUNICATION INFORMATION:
APPLICANT: Wrighton, Nicholas C. APPLICANT: Dower, William J. APPLICANT: Chang, Ray S. APPLICANT: Kashyap, Arun K. APPLICANT: Jolliffe, Linda K. APPLICANT: Johnson, Dana APPLICANT: Mulcahy, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 86, Application US/08827570 ; Patent No. 5986047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Wrighton, Nicholas C.
Dower, William J.
Chang, Ray S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mission, Mission APPLICANT: Chang, Ray S. APPLICANT: Chang, Ray S. APPLICANT: Kashyap, Arun K. APPLICANT: Jolliffe, Linda K. APPLICANT: Johnson, Dana APPLICANT: Mischy, Linda APPLICANT: Mischy, Linda TITLE OF INVENTION: Compounds a TITLE OF INVENTION: Erythropoie NUMBER OF SEQUENCES: 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEG ID NO: 86
SEQUENCE CHARACTERISTICS:
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38.5%;
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EYVCQWGPDTWLC 22

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us-09-825-517a-146.rai

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APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
APPLICANT: Chalmers, Derek T.
APPLICANT: Liaw, Chen W.
APPLICANT: Lowitz, Kevin P.
APPLICANT: Chen, Radogenous, Constitutively Activated G Protein-Coupled Orphan Recegning TILE OF INVENTION: Badogenous, Constitutively Activated G Protein-Coupled Orphan Recegning TILE OF INVENTION WINBER: 60/094,879
FRIOR APPLICATION NUMBER: 60/106,300
FRIOR PILING DATE: 1998-10-30
FRIOR PILING DATE: 1998-10-30
FRIOR PILING DATE: 1999-10-30
FRIOR PILING DATE: 1990-10-30
FRIOR PILING DATE: 1
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Patent No. 6583275
GENERAL INPORMATION:
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 1284;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 44; DB 4; Length 128
Pred. No. 2.1e+02;
3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 7310
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 MAY 1998
APPLICATION NUMBER: 60/01571
FILING DATE: July 2, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII
                                                                                                                                                 ; Sequence 59, Application US/09364425B
; Patent No. 6653086
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 100 Beaver Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Waltham
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 40.0%;
Matches 6; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  258 WVHEWVTSNWISTAV 272
258 WVHEWVTSNWISTAV 272
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-09-364-425B-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-107-532A-4069
                                                                                       RESULT 11
US-09-364-425B-59
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Parent No. 6555339

GENERAL INFORMATION:
APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
APPLICANT: Chalmers, Derek T.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 44; DB 2; Length 24;
Pred. No. 3.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                       ZIP: 94105-1492
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/827,570
FILING DATE:
                ADDRESSEE: Townsend and Townsend and Crew STREET: One Market Plaza, Steuart Street Tower CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DAYE:
CLASSIFICATION DATA.
PRIOR APPLICATION DATA.
APPLICATION NUMBER: US 08/484,635
FILING DATE: 07-UW-1995
APPLICATION NUMBER: US 08/155,940
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: GATTECT HACKOWSKI, EUGENIA
RECISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528A-43-1-1
TELEPHONE: (415) 543-960
TELEPHONE: (415) 543-960
TELEFRAX: (415) 543-960
TELEFRAX: (415) 543-960
TELEFRAX: CAPACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42.3%;
ilarity 38.5%;
Conservative
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Best Local Similarity 40.vv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 DWVCEWLKSQWFC 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 5; Conserva
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US-09-170-496D-294
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LENGTH: 1284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-827-570-86
                                                                                                                                                 COUNTRY:
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us-09-825-517a-146.rai

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APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martene C.
                                                                                                                                                                                                            41.3%; Score 43; DB 2; Length 411; 35.7%; Pred. No. 90;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 411;
                                                                                                                                                                                                                                                                       2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Knobbe Martens Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach STATE: California
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Pred. No. 90;
5; Mismatches 2
                                                                                                                                                                                                                                                                       5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 32, Application US/08487826B; Patent No. 5993827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               41.3%;
                                                                                                                                                                                                                                                                                                                                                                                             229 WMTEW--AEWYCKA 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 411 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                               2 WVCEWLKSQWFCNS 15
                                                                                                                                                                                       Query Match
Best Local Similarity 35.7%
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NO
                                                                                          internal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
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                           HYPOTHETICAL: NO

HYPOTHETICAL: NO

FRAGMENT TYPE: ir

ORIGINAL SOURCE:

US-08-568-459A-20
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   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ns
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ZIP: 92660
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APPLICANT: Ohitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Su, Xin-Zhaun
APPLICANT: Wellem; Thomas B.
TITLE OF INVENTION: AND PLASMODIUM FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM BRYTHROCYTE BINDING PROTEINS NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Marten C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
41.8%; Score 43.5; DB 4; Length 92;
Best Local Similarity 61.5%; Pred. No. 16;
Matches 8; Conservative 1; Mismatches 3; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
COMPUTER: TBM PC compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTINE SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTINE SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
CLLASSIFICATION: A35
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECHMONICATION INFORMATION:
THE TELECHMONICATION INFORMATION:
TELECHMONICATION INFORMATION:
THE TELECHMONICATION INFORMATION INFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Knobbe Martens Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach STATE: California
                     REGISTRATION NUMBER: 40,489
REFERENCE/COCKET NUMBER: GTC-012
TELECOMUNICATION INFORMATION:
TELEPRONE: (781)893-5077
INFORMATION FOR SEQ ID NO: 4069:
SEQUENCE CHARACTERISTICS:
LENGTH: 92 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...92
SEQUENCE DESCRIPTION: SEQ ID NO: 4069:
   NAME: Ariniello, Pamela Deneke
                                                                                                                                                                                                                                                                                                                                                                                          ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/08568459A Patent No. 5849306
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INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 411 amino acids
                                                                                                                                                                                                                                                                       TYPE: amino acid
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US-09-210-288-20

Sequence 20, Application Us/09210288

Patent No. 6392026

GENERAL HYPORALTON:

APPLICANT: Giltinis, Chetan
APPLICANT: Giltinis, Chouse H.

APPLICANT: Chouse H.

APPLICAN
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Search completed: September 8, 2004, 14:31:53 Job time: 13.3 secs

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Sequence 7 Sequence 8 Sequence 8

Sequence 136, App Sequence 39, Appl Sequence 47, Appl Sequence 57, Appl Sequence 131, App Sequence 132, Appl Sequence 132, Appl Sequence 69, Appl Sequence 69, Appl Sequence 61, Appl Sequence 64, Appl Sequence 64, Appl Sequence 64, Appl Sequence 67, Appl Sequence 67, Appl Sequence 71, Appl Sequence 89, Appl

> US-09-825-517A-79 US-09-825-517A-89 US-09-825-517A-92

US-09-825-517A-77
US-09-825-517A-81
US-09-825-517A-81
US-09-825-517A-83
US-09-825-517A-136
US-09-825-517A-139
US-09-825-517A-131
US-09-825-517A-131
US-09-825-517A-131
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US-09-825-517A-61

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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
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16: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
17: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-825-517A-38
US-09-825-517A-48
US-09-825-517A-45
US-09-825-517A-45
US-09-825-517A-52
US-09-825-517A-52
US-09-825-517A-54
US-09-825-517A-121
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                                                                                                                                                                                                                                                                                                    1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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102
1 DWVCNLFKNQWFCDLS 16
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Maximum DB seq length: 200000000
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Perfect score:
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No.
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. ALIGNMENTS	RESULT 1 US-09-825-517A-145 ; Sequence 145, Application US/09825517A ; Publication No. US2003415A1 ; GENERAL INFORMATION:	APPLICANT: Rondon, Issac J APPLICANT: Ladmer, Robert C ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC ITILE OF INVENTION: ANTIGEN (CEA)	; FILE REFERENCE: DYX-016.1 (3421.1005-001); CURRENT APPLICATION NUMBER: US/09/825,517A; CURRENT FILING DATE: 2003-03-24; PRIOR APPLICATION NUMBER: US 09/541,345	; NUMBER OF SEQ ID NOS: 151 ; SOFTWARE: FastSEQ for Windows Version 4.0 ; SEQ ID NO 145 ; LENGTH: 16 ; TYPE: PRT	; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-145	Query Match 100.0%; Score 102; DB 11; Length 16; Best Local Similarity 100.0%; Pred. No. 1.3e-07; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps	QY 1 DWVCNLFKNQMFCDLS 16
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US-09-825-517A-38
; Sequence 38, Application US/09825517A
; Publication No. US20030203415A1
; GRNERAL INFORMATION:

RESULT 2

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TYPE: PRT
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| Sequence 48, Application US/09825517A |
| Sequence 48, Application US |
| GERRAL INFORMATION:
| APPLICANT: Ladner, Robert C |
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC |
| TITLE OF INVENTION: ANTIGEN (CEA) |
| FILE REFERENCE: DYX-016.1 (3421.1005-001) |
| CURRENT APPLICATION NUMBER: US/09/825,517A |
| CURRENT PILIATION NUMBER: US 09/541,345 |
| PRIOR PILICATION NUMBER: 2000-04-03 |
| NUMBER OF SEQ ID NOS: 151 |
| SOFTWARE: FastSEQ for Windows Version 4.0 |
| SEQ ID NO 48 |
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPRENCE: DYX-016.1 (3421.1005-001)
CURRENT PELLING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASESEQ FOR Windows Version 4.0
SEQ ID NO 38
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 94.1%; Score 96; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 9e-07; Matches 13; Conservative 3; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 16;
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APPLICANT: Ladher. Robert
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/925,517A
CURRENT PILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 96.1%; Score 98; DB 11; L
Best Local Similarity 100.0%; Pred. No. 4.7e-07;
Matches 15; Conservative 0; Mismatches 0;
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, OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-48
                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-38
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US-09-825-517A-37
; Sequence 37, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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Sequence 42, Application US/09825517A;
Publication No. US20030203415Al
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J;
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPERENCE: DYX-016.1 (3421.1055-001);
CURRENT APPLICATION NUMBER: US/09/825,517A;
CURRENT FILING DATE: 2003-03-24;
PRIOR APPLICATION NUMBER: US 09/541,345;
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 6
US-09-825-517A-45
Sequence 45, Application US/09825517A
Sequence 45, Application US/09825517A
Sequence 45, Application US/09825517A
Sequence 45, Application US/09825517A
SEQUENCE INFORMATION:
APPLICANT: Rendon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING REPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
FRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                  Score 95; DB 11; Length 16;
Pred. No. 1.2e-06;
1; Mismatches 0; Indels
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Pred. No. 1.2e-06;
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                                                                                                                                                                                                                           OTHER INFORMATION: CEA binding polypeptide
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SOFTWARE FastSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 16
                                                 NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345 PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 93.1%; Sc
Best Local Similarity 93.3%; Pr
Matches 14; Conservative 1;
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                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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US-09-825-517A-42
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Sequence 74, Application US/09825517A

Sequence 74, Application US/09825517A

Publication No. US2003203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 74

LENGTH: 16
                                                                                                                                                                                                                                                                 APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US (09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US (09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 16
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Indels
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Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                              US-09-825-517A-62; Sequence 62, Application US/09825517A; Sequence 62, Application No. US20030203415Al; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Artificial Sequence
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                                        1 DWVCNLFKNOWFCDL 15
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Best Local Similarity 93.33
Matches 14; Conservative
14; Conservative
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; Sequence 58, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DXX-016.1 (3421.1005-001)
; CURRENT FILING DATE: 2003-03-24
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 58
; LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 95; DB 11; Length 16; Pred. No. 1.2e-06;
                                                                                                                Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.1%; Score 95; DB 11; Length 16; 93.3%; Pred. No. 1.2e-06;
                                                                                                                                                        0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016 1 (3421.1005-001)
CURRENT PLIAGATION NUMBER: US/09/025,517A
CURRENT FILING DATE: 2003-03-24
RIOR APPLICATION NUMBER: US 09/541,345
RIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTERO for Windows Version 4.0
                                                                                                           Score 95; DB 11;
Pred. No. 1.2e-06;
                                                                                                                                                           2; Mismatches
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                                        ) OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                              Sequence 52, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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93.3%;
                                                                                                           Query Match 93.1%;
Best Local Similarity 86.7%;
Matches 13; Conservative
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                1 DWICNLFKNQWFCDI 15
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Best Local Similarity
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Best Local Similarity
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US-09-825-517A-58
                                                                                                                                                                                                                                                                                                                                         US-09-825-517A-52
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Length 16;

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RESULT 15
US-09-82-517A-53
i Sequence 53, Application US/09825517A
i Publication No. US20030203415A1
i GENERAL INFORMATION:
i APPLICANT: Rondon, Issac J
i APPLICANT: Ladner, Robert C
i TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
i TILLE OF INVENTION: ANTIGN (CEA)
i FILLE REFERENCE: DXX-016.1 (3421.1005-001)
i CURRENT APPLICATION NUMBER: US/09/825,517A
i CURRENT FILING DATE: 2003-03-24
i PRIOR FILING DATE: 2000-04-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 95; DB 11; Length 16
Pred. No. 1.2e-06;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-129
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ 1D NO 129
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                          93.1%;
                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial Sequence
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Best Local Similarity 93.3
Matches 14; Conservative
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                                                                                                                                                                                                                                     SEQ ID NO 124
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                                        Sequence 120, Application US/08825517A

Publication No. US20030203415A1

GENERAL INPORMATION:
APPLICANT: Rondon, 188ac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CRA)

TITLE OF INVENTION: ANTIGEN (CRA)

FILE REFERENCE: DX-016.1 (3421.1059-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PPLICATION NUMBER: US/09/825,517A

PRIOR PPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FBSEEEG for Windows Version 4.0

SEQ ID NO 120

LENGTH: 16
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US-09-825-517A-121
Sequence 121, Application US/09825517A
Sequence 121, Application US/09825517A
Sequence 121, Application US/09825517A
Sequence 121, Application US/09825517A
SUBJICANT: ROMGON, ISSAC J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
FRICH APPLICATION NUMBER: US 09/541,345
FRICH RELICATION NUMBER: US 09/541,345
FRICH RELICATION NUMBER: US 09/541,345
SOFTWARE: FREESEQ FOR Windows Version 4.0
SEQ ID NO 121
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-120
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93.3%; Pred. No. 1.2e-06;
trive 1; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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; APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 14; Conservative
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hes 13; Conservative
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Best Local Similarity
                        US-09-825-517A-120
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) NUMBER OF SEQ ID NOS: 151
); SCOTWARE: FastSEQ for Windows Version 4.0
); SEQ ID NO 53
1 LENGTH: 16
1 TYPE: PRT

); ORGANISM: Artificial Sequence
); FEATURE:
); OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-53

Query Match

Query Match

Best Local Similarity 100.0%; Pred. No. 1.7e-06;

Matches 14; Conservative 0; Mismatches 0; Indels 0;

QY | DWYCNLFROWPRED 14

Db | DWYCNLFROWPED 14
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Search completed: September 8, 2004, 15:58:38 Job time: 43.85 secs

us-09-825-517a-145.rai

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US-09-137-223A-2
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US-09-131-028A-3
\begin{smallmatrix} \mathsf{O} & \mathsf{O} 
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Sequence 1, Appli
Sequence 13, Appl
Sequence 17516, A
Sequence 27, Appl
Sequence 27, Appli
Sequence 8, Appli
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                                                                                                                                                                       8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
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Sequence 336,
Sequence 336,
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Sequence 10,
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/pcTUS_COMB.pep:*
             GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-131-028A-13
US-09-252-91A-17516
US-09-337-227C-27
US-08-828-488-8
US-09-299-689A-8
US-09-702-705-336
US-09-714-124B-336
US-09-614-124B-336
US-09-671-325-336
US-09-671-325-336
US-09-671-325-336
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S-09-029-213B-22
S-09-328-352-5022
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US-08-834-655-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
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US-09-907-794A-28
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US-09-128-395-1
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                     protein search, using sw model
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Query
Match Length DB
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Perfect score:
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No.
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12, Appl
42, Appl
3, Appli
39, Appl
45, Appl
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Appl
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; GENERAL INCORMATION:
; APPLICANT: Yee, David P
; APPLICANT: Yee, David P
; APPLICANT: Yee, David P
; TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
; TITLE OF INVENTION: ZGCL-1
; FILE REFERENCE: 97-18
; CURRENT APPLICATION NUMBER: US/09/137,223A
; CURRENT FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 06/056,130
; PRIOR PELICATION NUMBER: 06/056,130
; PRIOR FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 16
; SCOTWARE: FastSEQ for Windows Version 3.0
; LENGTH: 478
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-137-223A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 478;
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Patent No. 6287866
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Lemmel, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Chaudhary, Sunita
ITILE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REFERENCE: 6004.US.P1
US-09-363-526-9

US-09-439-261-20

US-09-227-613-19

US-09-439-261-14

US-09-439-261-14

US-09-439-261-14

US-09-439-261-16

US-09-227-613-15

US-09-439-261-11

US-09-439-261-11

US-09-439-261-13

US-09-439-261-13

US-09-439-261-13

US-09-439-261-13

US-09-439-261-13

US-09-439-261-13

US-09-439-261-14

US-09-439-261-14

US-09-439-261-43

US-09-439-261-45
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Pred. No. 47;
5; Mismatches
                                                                                                                                                                                                                                                                                                                                                               ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/131,028A CURRENT FILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: US 08/064,440
PRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09137223A Patent No. 6420525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     45.1%;
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Best Local Similarity
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Gaps
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Sequence 27, Application US/09723251A

Patent No. 6608028

GENERAL INFORMATION:

APPLICANT: Clark, Youne May-Yee

APPLICANT: Clark, Ross G.

APPLICANT: Comman, Henry B.

APPLICANT: Comman, Henry B.

APPLICANT: Robinson, Iain C.A.F.

APPLICANT: Skelton, Nicholas J.

TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES

FILE REPERENCE: P1071P2C1.2Rev

CURRENT APPLICATION NUMBER: US/09/723,251A

FRIOR APPLICATION NUMBER: US 09/337,227

PRIOR APPLICATION NUMBER: US 09/337,227

PRIOR FILING DATE: 1999-06-22

PRIOR FILING DATE: 1997-04-04

NUMBER OF SEQ ID NOS: 51
                                                                                                                                      Sequence 27, Application US/09337227C
; Sequence 27, Application US/09337227C
; Refert No. 6420518
; GENERAL INFORMATION:
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, lain C.A.F.
APPLICANT: Robinson, lain C.A.F.
APPLICANT: Relicon, Nichlas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
CURRENT FILING DATE: 1999-06-22
FRIOR PELLING DATE: 1999-06-33-11
PRIOR FILING DATE: 1999-03-31
PRIOR FILING DATE: 1999-06-06
; WUMBER OF SEQ ID NOS: 51
; SEQ ID NO 27
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5.1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      42.2%;
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Best Local Similarity 46.2
Matches 6; Conservative
                                     54 WICNLFAN 61
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US-09-337-227C-27
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Sequence 17516, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    44.1%; Score 45; DB 3; Length 215; 42.9%; Pred. No. 29;
                                                                                                                   Length 215;
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                                                                                                                                                           4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mukerji, Fradip
APPLICANT: Mukerji, Fradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
APPLICANT: Lemmel, Steven A.
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
FILE REPERENCE: 6004-US.Pl
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT FILING DATE: 1999-08-01
PRIOR FILING DATE: 1999-06-21
PRIOR FILING DATE: 1990-05-21
NUMBER OF SEQ ID NOS: 22
SOPTWARE: FastSEQ for Windows Version 4.0
                                                                                                               Score 45; DB 3;
Pred. No. 29;
4; Mismatches
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Sequence 13, Application US/09131028A
Sequence 100. 6287866
GENERAL INFORMATION:
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                                                                                                               44.1%;
illarity 42.9%;
Conservative
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12 WFCGLRGNEFFCEV 25
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Best Local Similarity 75.05
Matches 6; Conservative
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Matches 6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                       TYPE: PRT
CRGANISM: Homo sapiens
US-09-131-028A-3
                                                                                            Query Match
Best Local Similarity
Thes 6; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 4
US-09-252-991A-17516
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    LENGTH: 215
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APPLICANT: Fan, Liquin TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.478614 CURRENT APPLICATION NUMBER: US/09/702,705 CURRENT FILING DATE: 2000-10-30 NUMBER OF SEQ ID NOS: 1833 SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 480;
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                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,689A
FILING DATE:
                     APPLICANT: 131, Preet APPLICANT: 131, Preet APPLICANT: Goli, Surya K. TITLE OF INVENTION: NOVEL HUMAN SERINE TITLE OF INVENTION: CARBOXYPEPTIDASE NUMBER OF SEQUENCES: 8 CORRESPONDENCE ADDRESS: ADDRESSE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 42.9%; Pred. No. 1.3e
Matches 6; Conservative 2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 336, Application US/09702705 Patent No. 6504010
                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
       Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   400 DMACNFMGDEWFVD 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 480 amino acids
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Vedvick, Tom
Carter, Darrick
Retter, Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 480 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
                                                                                                                                                                              CITY: Palo Alto
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino aci
STRANDEDNESS: B
TOPOLOGY: linea
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MMEDIEL
LIBRARY: General
TOWE: 190283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: Wang, T
                                                                                                                                                                                                                                      94304
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US-09-702-705-336
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APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 43; DB 2; I
Pred. No. 1.3e+02;
2; Mismatches 6;
                                                                                                                                                                                                      APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
STREET: CA
STREET: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
OPERATING SYSTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/828,488
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
 Pred. No. 5.1;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PF-0241 US
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APPLICANT: Bandman, Olga, APPLICANT: Hawkins, Phillip R.
                                                                                                                                                                                          Sequence 8, Application US/08828488
Patent No. 5925521
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0:
TELECOMMULICATION INFORMATION:
TELEPHONE: 415-85-0555
TELEPHONE: 415-845-4166
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                                                         2 WVCNLFKNQWFCD 14
                                                                                             3 WVCRAGPLOWLCE 15
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Best Local Similarity 42.99
Matches 6; Conservative
Best Local Similarity 46.2
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDLAL.
LIBRARY: Gem.
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US-09-299-689A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                        US-08-828-488-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGIH:
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Gaps

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TYPE: PRT
ORGANISM: Homo sapiens
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-614-124B-336
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APPLICANT: Wang, T
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US-09-589-184-336
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                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wanny Tongtong
APPLICANT: Manny Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Mannion, Jane
AP
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APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Manion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: COMPOSITION COMPOSITIONS AND TITLE OF INVENTION: UNMERR: US/09/614,124B
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: 480
                                                                                                                                                                                     Score 43; DB 4; Length 480;
Pred. No. 1.3e+02;
2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             42.2%; Score 43; DB 4; Length 480;
42.9%; Pred. No. 1.3e+02;
tive 2; Mismatches 6; Indels
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
                                                                                                                                                                                         Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
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Best Local Similarity 42.5-
Best Local Similarity
Local Similarity
Conservative
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                                       TYPE: PRT
ORGANISM: Homo sapiens
US-09-702-705-336
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               LENGTH: 480
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APPLICANT: Mang, Tongtong
APPLICANT: Bangur, Chattanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Carter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPERENCE: 210121.478C12
CURRENT PLING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Manaly Uniquong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Panger, Gartery
APPLICANT: Panger, Tom
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE REPERENCE: 210121.478C8
CURRENT APPLICATION NUMBER: US/09/589,184
CURRENT APPLICATION NUMBER: 0827
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
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     Length 480;
Query Match 42.2%; Score 43; DB 4; Length 480
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                   US-09-671-325-336
; Sequence 336, Application US/09671325
; Patent No. 6667154
; GENERAL INFORMATION:
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Patent No. 6686447
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                                                                                                                    1 DWVCNLFKNOWFCD 14
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; ORGANISM: Homo sapiens
US-09-671-325-336
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STRANDEDNESS: sir
TOPOLOGY: linear
                 Palo Alto
                            CA
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; CLONE: 1646823
US-08-816-241-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                     94304
                                  STATE: C. COUNTRY:
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US-08-194-560-2
Sequence 2, Application US/08194560
Fatent NO. 6255062
GENERAL INFORMATION:
APPLICANT: Campbell, Judith L.
TITLE OF INVENTION: B-Type DNA Polymerases
ITILE OF INVENTION: B-Type DNA Polymerases
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: 4 Enharcadero Center, Suite 3400
STREET: California
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
                                      42.2%; Score 43; DB 4; Length 480; 42.9%; Pred. No. 1.3e+02; tive 2; Mismatches 6; Indels
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Pred. No. 1.6e+02;
4; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: CALLLOLLING
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READBLE FORM
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/194,560
FILING DATE: 14-FEB.1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
REPERENCE/DOCKET NUMBER: A-59515/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415,781-1989
TELERA: (415,388-3249
TELERA: (415,388-3249
TELERA: (415,388-3249
TELERA: GATOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
TITLE OF INVENTION: NOVEL RNA EDITING ENZYME
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-816-241-1
Sequence 1, Application US/08816241
Patent No. 5804185
                                                                                                                                         400 DMACNFMGDEWFVD 413
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Best Local Similarity 40.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 3174 Porter Drive
                                                                                                              1 DWVCNLFKNQWFCD 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCNLFKNQWFCDL 15
                   Query Match
Best Local Similarity 42.5.
Rest. 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
US-09-589-184-336
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STATE: CA

COUNTRY: CA

TIP 94304

21P 94304

21P 94304

21P 94304

22P 94304

22P 94304

22P 94304

COMPUTER READABLE FORM:
MEDIUM TYBR: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Faited Herewith
FILING DATE: Flied Herewith
FILING DATE: HEREWITH
FILING DATE: BATCORDAYION
FOR SEQ ID NO: 1
FELECOMMUTICATION INFORMATION:
FELECOMMUTICATION INFORMATION:
FELECOMMUTICATION FOR SEQ ID NO: 1
FELECOMMUTICATION
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September 8, 2004, 14:25:19; Search time 43.85 Seconds
(without alignments)
114.961 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      / Cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
/ Cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1298764 seqs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Published Applications AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                           OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                       108
1 DWVCEWLKPQWYCNSL 16
                                                                                                                                                                                                                                                                                                                                                      US-09-825-517A-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                      Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
                                                                                                                                                                                                                 Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

103, App 141, App 148, App 115, App 126, App 130, App 138, App 138, App Sequence 144, App Sequence 146, App Sequence 68, Appl Sequence Sequence Sequence Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence US-09-825-517A-144 US-09-825-517A-146 US-09-825-517A-103 US-09-825-517A-103 US-09-825-517A-1149 US-09-825-517A-115 US-09-825-517A-115 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-130 US-09-825-517A-133 US-09-825-517A-133 US-09-825-517A-133 US-09-825-517A-133 US-09-825-517A-133 Query Match Length DB 83.3 81.5 80.6 78.7 778.7 77.8 77.8 Score 1111109876543 Result

		101,	104,	137,	65,	78,	114,	147	56,	97,	117	Sequence 59, Appl	75,	86,	127,	150	123,	49,	105	109	113,	151	80,	139	76,	88,	e 90'	Sequence 91, Appl
US-09-825-517A-140	-09-825-	US-09-825-517A-101	- 1	US-09-825-517A-137		US-09-825-517A-78		US-09-825-517A-147	US-09-825-517A-56	US-09-825-517A-97	US-09-825-517A-117	•	US-09-825-517A-75	39-82	09-825-	US-09-825-517A-150	US-09-825-517A-123	US-09-825-517A-49	US-09-825-517A-105	US-09-825-517A-109	US-09-825-517A-113	US-09-825-517A-151	US-09-825-517A-80	US-09-825-517A-139	-825-	5-5	-09-8	US-09-825-517A-91
	11	•	•	. ,	• •	•		• •	11	11	11	11	11	11	11	11	11	11	11	11	-	11	11	11	11	11	11	11
16	9 1	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
77.8	75.0	75.0	74.1	74.1	72.2	72.2	72.2	72.2	71.3	71.3	71.3	70.4	70.4	70.4	70.4	70.4	69.4	68.5	68.5	68.5	68.5	68.5	9.19	66.7	65.7	65.7	65.7	65.7
89 Q	81	81	80	80	78	78	78	78	77	77	77	16	26	16	97	9/	75	74	74	74	74	74	73	72	71	71	7.1	71
16	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 16;
         Sequence 144, Application US/09825517A

Sequence 144, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PSSECS FOR WINDOWS VERSION 4.0

SEQ ID NO 144

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 108; DB 11; 100.0%; Pred. No. 3.1e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCEWLKPQWYCNSL 16
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Best Local Similarity 100.0
***rhes 16; Conservative
US-09-825-517A-144
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Sequence 146, Application US/09825517A, Publication No. US20030203415A1, GENERAL INFORMATION:

US-09-825-517A-146

RESULT 2

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US-09-825-517A-103
i Sequence 103, Application US/09825517A
i Publication No. US20030203415A1
i GENERAL INFORMATION:
i APPLICANT: Acndon, Issac J
i APPLICANT: Ladner, Robert C
i TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
i TILE OF INVENTION: ANTICEN (CEA)
i FILE REFERENCE: DXX-016.1 (3421.1005-001)
i CURRENT APPLICATION NUMBER: US/09/825,517A
i CURRENT FILING DATE: 2003-03-24
                  APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/541,345
PRIOR FILING DATE: 2000-04-03
SPIOR FILING DATE: 2000-04-03
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 146
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILLE OF INVENTION: ANTIGEN (CEA)
FILE REFREENCE: DYX-OIG-1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOCTWARRE: FASLSEQ for Windows Version 4.0
SEQ ID NO 68
LENGTH: 16
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81.2%; Pred. No. 1.4e-05;
"*:ematches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

Best Local Similarity 87.5%; Pred. No. 1.1e-05;
Matches 14; Conservative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-146
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US.09-825-517A-68
Sequence 68, Application US/09825517A, Publication No. US20030203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 DWVCEWLKPOWYCNSL 16
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Matches 13; Conservative
APPLICANT: Rondon, Issac J
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APPLICAMT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 141
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-825-517A-148

Sequence 148, Application US/0982517A

Publication Wo. US20030203415A1

CENERAL INFORMATION:
APPLICANT: Rondon, 188ac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0225,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                Query Match 87.0%; Score 94; DB 11; Length 16; Best Local Similarity 86.7%; Pred. No. 1.9e-05; Matches 13; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 16;
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85.2%; Score 92; DB 11;
Best Local Similarity 81.2%; Pred. No. 3.5e-05;
Matches 13; Conservative 2; Mismatches 1;
                                                                                                                                                                                                                                       ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-103
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PastSEQ for Windows Vergion 4.0
SEQ ID NO 103
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
LENGTH: 16
TYPE: PRT
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                    ORGANISM: Artificial Sequence
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                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                  FEATURE:
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ORGANISM: Artificial Sequence

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Gaps

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us-09-825-517a-144.rapb

Matches

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Grand 14.

Sequence 54, Application US/09825517A

Sequence 54, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 54

LENGTH: 16
                                                                                                                                                                                                                                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 160
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   80.6%; Score 87; DB 11; Length 16; 75.0%; Pred. No. 0.00015; Live 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          78.7%; Score 85; DB 11; Length 16; 81.2%; Pred. No. 0.00027; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-130
  2;
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                             Sequence 130, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
; ל
                                                  1 DWVCEWLKPOWYCNSL 16
                                                                                                  1 DWVCEWLKNOWWCNVL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEWFKAOWFCNML 16
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Best Local Similarity 75.0°
Matches 12; Conservative
13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 81.2
Matches 13; Conservative
                                                                                                                                                                                                          US-09-825-517A-130
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Ladner, Robert C
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 0/9/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 115
LENGTH: 16
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 126

LENGTH: 16
                                                                                                                          Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-115
                                          OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
                                                                                                                  Query Match
Best Local Similarity 81.2%; Pred. No. 3.5e-05;
Matches 13; Conservative 2; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 115, Application US/09825517A, Publication No. US20030203415A1, GENERAL INFORMATION:
                                                                                                                                                                                                                        1 DWVCEWLKPQWYCNSL 16
                                                                                                                                                                                                                                                             DWVCEWLKHQWFCNAL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 DWVCEWLKPQWYCNSL 16
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Best Local Similarity 81.29
Matches 13; Conservative
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Best Local Similarity
                                                                  US-09-825-517A-148
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US-09-825-517A-115
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Sequence 122, Application US/09825517A publication No. US20030203415A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
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US-09-825-517A-125
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LENGTH: 16
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Publication No. US20030203415A1

GENERAL INPORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING NCEA)

FILE REPERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PRILING DATE: 2000-04-03
US-09-825-517A-138

Sequence 138, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILICATION NUMBER: 2000-04-03
NUMBER OF SEQ ID NOS: 151

SOFTWARE: FREESEQ FOR WINDOWS VERSION 4.0

SEQ ID NO 138
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 78.7%; Score 85; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 0.00027; Matches 13; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-143
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 143
LENOTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWLKPOWYCNSL 16
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; APPLICANT: Ladner, Robert C
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Matches 13; Conserv
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US-09-825-517A-112
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DXX.016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 16;
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77.8%; Score 84; DB 11; Length 16
Best Local Similarity 81.2%; Pred. No. 0.00037;
Matches 13; Conservative 0; Mismatches 3; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPREBENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARRE: FASELSEQ for Windows Version 4.0
SEQ ID NO 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: ROLDING, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING ECEA)
FILE REPERENCE: DYX-016 1 (1421.1005-001)
FURENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
RIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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Search completed: September 8, 2004, 15:58:38 Job time: 44.85 secs

47, Appl 16, Appl 16, Appl 21369, A 80, Appl 6, Appli 6, Appli 1824, Appli 1833, Appl 4798, Appli 46, Appli

Sequence

Sequence Seq

US-07-689-008-2 US-09-621-976-7155 US-09-497-491-47 US-09-497-491-47 US-08-602-010A-16 US-08-602-010A-16 US-09-252-991A-21369 US-09-252-991A-21369 US-09-252-991A-21369 US-09-252-991A-21369 US-09-252-991A-18242 US-09-252-991A-18242 US-09-543-681A-4798 US-09-543-681A-4798 US-09-314-242-2 US-09-314-242-2

3031 89 92 63 1152 1152 1152 1152 1305 305 331 3391 3391 3391 416 617

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/cgn2 6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2 6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2 6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2 6/ptodata/2/iaa/PcTUS_COMB.pep:*
/cgn2 6/ptodata/2/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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108
1 DWVCEWLKPQWYCNSL 16
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Ω	Sequence 4, Appli	mence	Sequence 5666, Ap		Sequence 32, Appl	20,	12,	Sequence 12, Appl	12,	14,	equence		•	equence,	Sequence 31356, A		86,	equence 86,	Sequence 86, Appl	equence 3085	equenc	equence 3709,	equenc	equence 23299,	equence 2.	equence 2,	Sequence 2, Appli
SUMMARIES	ΙD	US-09-147-236-4	US-09-522-474-4	US-09-621-976-5666	-459A-2	-08-487-	-09-210	-08-56E	-08-487-826B-1	US-09-210-288-12	US-08-487-826B-14	US-09-621-976-3885	3-714	-09-465-519-	39-465	US-09-252-991A-31356	US-10-164-595-30	US-08-484-635-86	-08-484-631-8	US-08-827-570-86	US-09-252-991A-30894	US-09-252-991A-27319	US-09-134-001C-3709	US-09-489-039A-10951	US-09-252-991A-23299	- 1	-698-60-	1
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	Score	46	46	45	45	45	45	45	45	45	45	44	44	44	44	43	43	42	42	42	42	42	42	42	42	42	42	42
	Result No.	1	7	m	4	S	9	7	ω	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27

RESULT 1 US-09-147-236-4 i Sequence 4, Application US/09147236A i Patent No. 6316251 i GRNERAL INFORMATION. APPLICANT: TONOUCHI, Naoto APPLICANT: TONOUCHI, Naoto APPLICANT: TAHARA, Naoki SERIER REFERENCE: 6337-011-0PCT CURRENT FILING DATE: 1999-04-08 I EARLIER APPLICATION NUMBER: PCT/UP97/03633 EARLIER PILING DATE: 1999-10-09 NUMBER OF SEQ ID NOS: 12 SOFTWARE: PATENTE PATENTE PATENTE PATENTE PATENTE PATENTE PATENTE SEQ ID NO 4 I ENGTH: 802 I TYPE: PATENTE CREATURE: C	Query Match 42.6%; Score 46; DB 4; Length 802; Best Local Similarity 60.0%; Pred. No. 78; Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0; Qy 6 WikPQWYCNS 15	RESULT 2 US-09-522-474-4 I Sequence 4, Application US/09522474 Sequence 4, Application US/09522474 GENERAL INFORMATION: APPLICANT: TONOUTHI, Naoto APPLICANT: TSUCHIDA, Takayasu APPLICANT: TSUCHIDA, Fumihiro APPLICANT: TAHARA, Naoki APPLICANT: TAHARA, Naoki APPLICANT: TAHARA, Naoki FILE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE FILE REFERENCE: 6537-011-0PCT CURRENT APPLICATION NUMBER: US/09/522,474 CURRENT FILING DATE: 2000-03-09
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APPLICANT: Chituis, Chetan
APPLICANT: Chituis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas B.
APPLICANT: Wellems, Thomas B.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
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) OTHER INFORMATION: n at positions 15741 and 15767 may be a,
) OTHER INFORMATION: c
US-09-522-474-4
                                                                                                                                                                                                                                                                                                             42.6%; Score 46; DB 4; Length 802 60.0%; Pred. No. 78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 45; DB 4; Length 71; Pred. No. 8.9; 0; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                       2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
TITLE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 5666
LENGTH: 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Knobbe Martens Olson & Bear
620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                         2; Mismatches
PRIOR APPLICATION NUMBER: US/09/147,236
PRIOR FILING DATE: 1999-04-08
PRIOR APPLICATION NUMBER: PCT/JP97/03633
PRIOR FILING DATE: 1997-10-09
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5666, Application US/09621976
Patent No. 6639063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 20, Application US/08568459A Patent No. 5849306 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  41.78;
                                                                                                                                                                      TYPE: PRT
ORGANISM: Acetobacter xylinum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 46.27
Best Local 6; Conservative
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Matches 6; Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Mai
                                                                                                                                                                                                                                                                                                                                                                                                                            751 WLKPDWYMHN 760
                                                                                                                                                                                                                                                                                                                                                                                               6 WLKPQWYCNS 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION: -24..-1
US-09-621-976-5666
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US-09-621-976-5666
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US-08-568-459A-20
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Sequence 32, Application US/08487826B
Patent No. 5993827
GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Peterson, David S.
APPLICANT: Peterson, David S.
APPLICANT: Wellems, Thomas E.
APPLICANT: Wellems, Thomas E.
TILLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
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Pred. No. 55;
3; Mismatches 3; Indels
                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
CLESSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRAITON NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEPHONE: (619) 235-8550
INFORMATION FOR SED ID NO: 20: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             41.7%;
42.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          229 WMTEW--AEWYCKA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 411 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKPQWYCNS 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 42.5-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           internal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 4:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Newport Beach
STATE: California
Newport Beach
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FRAGMENT TYPE:
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Sequence 12, Application US/08568459A Patent No. 5849306
GENERAL INFORMATION:
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US-08-568-459A-12
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                                                                                                                                                                                                                                 2 WVCEWLKPOWYCNS 15
                                                                     internal
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STRANDEDNESS: SIL
                                                                   FRAGMENT TYPE:
ORIGINAL SOURCE:
US-09-210-288-20
                                                                                                                                                                                                                                                                                                                                                       US-08-568-459A-12
                                                  ANTI-SENSE:
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APPLICANT: Su, Xin-zhaun
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas, Thomas
TITLE OF INVENTION: BINDING DOMAINS FROM FLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OP SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martens Olson & Bear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Knobbe Martens Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach CITY: California COUNTRY: US
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: 101121.001CP1
TELECHOMUNICATION INFORMATION:
TELEPAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHAACTERISTICS:
LENGTH: 411 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
noPOLOGY: linear
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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REBERBENCE/DOCKET NUMBER: NIH121.1FWDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Mismatches
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US-09-210-288-20
; Sequence 20, Application US/09210288
; Patent No. 6392026
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Best Local Similarity 42.9%;
Matches 6; Conservative
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APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         229 WMTEW--AEWYCKA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 WVCEWLKPQWYCNS 15
                                                                                                                                                                                                                                                                                                                                                 internal
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APPLICANT: Sim, K
                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas B.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
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Query Match
41.7%; Score 45; DB 4; Length 411;
Best Local Similarity 42.9%; Pred. No. 55;
Matches 6; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 41.7%; Score 45; DB 2; Length 271 Best Local Similarity 42.9%; Pred. No. 3.9e+02; Matches 6; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
CLASSIFICATION: 435
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COUNTY: US

ZIP: Officeria
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NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-656
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
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GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
APPLICANT: Sim, Kim L.
APPLICANT: Sim, Kim L.
APPLICANT: Miller, Louis H.
APPLICANT: Miller, Louis H.
APPLICANT: Su, Xin: Zhaun
APPLICANT: Su, Xin: Zhaun
APPLICANT: Wellems, Thomas B.
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 41.7%; Score 45; DB 4; Length 2710; Best Local Similarity 42.9%; Pred. No. 3.9e+02; Matches 6; Conservative 3; Mismatches 3; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
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                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-6076
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTER:STICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Knobbe Martens Olson & Bear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 14, Application US/08487826B
; Patent No. 5993827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1138 WMTEW--AEWYCKA 1149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2710 amino acids
                                                                                                                                             Floppy disk
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 WVCEWLKPQWYCNS 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL: 1 ORIGINAL SOURCE
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US-08-487-826B-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Ca
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                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Chitnis, Chetan
APPLICANT: Chitnis, Chous H.
APPLICANT: Peterson, David S.
APPLICANT: Wellems, Thomas B.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ENTHROCYTE BINDING PROTEINS
                                                                                            APLICANT: Peterson, David S.
APPLICANT: Willems, Thomas B.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe MAYTHOUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 2710;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41.7%; Score 45; DB 2; Length 271
42.9%; Pred. No. 3.9e+02;
tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:

ZIF: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Isacelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: 29,655
RECOMMUNICATION NUMBER: NIH121.001CP1
TELEPHONE: (619) 235-0156
TELEPHONE: (619) 235-0166
TELEPHONE: CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
TENTALION FOR SEQ 1D NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                 E: Knobbe Martens Olson & Bear
620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEB: Knobbe Martens Olson & Bear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Plasmodium falciparum
                     Sequence 12, Application US/08487826B
Patent No. 5993827
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Patent No. 6392026
GENERAL INFORMATION:
APPLICANY: Sim, Kim L.
APPLICANY: Chitnis, Chetan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1138 WMTEW--AEWYCKA 1149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 42.9
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                            CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                             SD
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US-09-210-288-12
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Gaps

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40.7%; Score 44;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: siz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
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                                                                                                                                                                                        TRY: USA
10174
                                                                                                                                                 CITY: Ne
STATE: N
COUNTRY:
ZIP: 101
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40.7%; Score 44; DB 4; Length 101;
Best Local Similarity 58.8%; Pred. No. 18;
Matches 10; Conservative 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: JOBATT, S.
APPLICANT: JOBATT, S.
APPLICANT: Gordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET, 054PR2
CURRENT APPLICATION NUMBER: U$/09/621,976
CURRENT APPLICATION NUMBER: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 3885
LENGTH: 101
                                                                                                                                                                                                                                                                                                         Score 45; DB 2; I
Pred. No. 4.4e+02;
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-0550
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 3060 amino acids
                                                                                                                                                                                                                                                                                                                                              3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 11
2-09-621-976-3885
; Sequence 3885, Application US/09621976
; Patent No. 6639063
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Patent No. 6187578
GENERAL INFORMATION:
APPLICANT: Blinkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Golightly, Elizabeth
APPLICANT: Golightly, Elizabeth
APPLICANT: Mathisen, Thomas Erik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
FEATURE:
FEATURE:
LOCATION: -23...1
NAME/KEY: UNSURE
LOCATION: 17
COTHER INFORMATION: Xaa = Pro, Arg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Xaa = Ser, Trp
US-09-621-976-3885
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42.9%;
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                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 42.99
Matches 6; Conservative
                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                US-08-487-826B-14
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F: 405 Lexington Avenue
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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0
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids TITLE OF INVENTION: Encoding Same NUMBER OF SEQUENCES: 12 CORRESPONDENCE ADDRESS: ADDRESSER: No. 61875780.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       40.7%; Score 44; DB 3; Length 423; 71.4%; Pred. No. 79; 1; Indels Live 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09465519
Patent No. 6403355
GENERAL INFORMATION:
APPLICANT: HAGIHARA, Hiroshi
APPLICANT: KITAYAMA, Kaori
APPLICANT: HAGIHARA, Kaori
APPLICANT: HAGIHARA, Kaori
APPLICANT: ENDO, Keiji
APPLICANT: ENDO, Keiji
APPLICANT: ENDO, Keiji
CAPPLICANT: ENDO, Keiji
APPLICANT: ENDO, Keiji
APPLICANT: DANEL (MARCHE)
CURRENT PELING DATE: 1999-12-16
EARLIER PILING DATE: 1998-12-21
EARLIER PILING DATE: 1998-12-21
EARLIER PILING DATE: 1998-12-21
MUMBER OF SEQ ID NOS:
CORRENT PILING DATE: 1998-12-21
MUMBER OF SEQ ID NOS:
CORRENT PILING DATE: 1998-12-21
MUMBER OF SEQ ID NOS:
CORRENT PILING DATE: 1998-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOCIMARE: FREUEACY FOR WINDOWS VERSION CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-007-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lamblris, Blias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELECHONE: 212-667-0123
TELECHONE: 212-667-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     423 amino acids
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Best Local Similarity 71.45
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SEQ ID NO 2
LENGTH: 501
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SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acid
                                                                                                                                                                                                                                                                                                                                                                          Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
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Length 501;

DB 4;

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Search completed: September 8, 2004, 14:31:53
Job time : 14.3 Becs
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Sequence 13156, Application US/09252991A

Patent No. 6551795

GENERAL INFORMATION:

PAPLICATUM: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 31356

LENGTH: 588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
40.7%; Score 44; DB 4; Length 501;
Best Local Similarity 46.7%; Pred. No. 94;
Matches 7; Conservative 1; Mismatches 7; Indels
                         7; Indels
                                                                                                                                                                                                                                   Sequence 4, Application US/09465519
Sequence 4, Application US/09465519
Sequent No. 6403355
GENERAL INFORMATION:
APPLICANT: HACHHARA, Hiroshi
APPLICANT: HACHHARA, Kaori
APPLICANT: HATASHI, Yasuhiro
APPLICANT: GARASHI, Yasuhiro
APPLICANT: GARASHI, Yasuhiro
APPLICANT: OINVENTION: NOVEL AMYLASES
FILE REFERENCE: 2173-0118P
CURRENT FILING DATE: 1999-12-16
SEALLIER APPLICATION NUMBER: 10-362487 JAPAN
EARLIER APPLICATION NUMBER: 10-362487 JAPAN
EARLIER APPLICATION NUMBER: 10-362487 JAPAN
EARLIER FILING DATE: 1998-12-21
SAPLICER TILNG DATE: 1998-12-21
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PALENT VET. OF SEQ ID NOS: 7
SEQ ID NO 4
LENGTH: 501
Pred. No. 94;
1; Mismatches
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  359 WVADWFKPLAYATIL 373
Best Local Similarity 46.7%;
Matches 7; Conservative
                                                                                                                     359 WVADWFKPLAYATIL 373
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                                                                       2 WYCEWLKPOWYCNSL 16
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; ORGANISM: Bacillus sp.
US-09-465-519-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published Applications AA:*

| cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_PUBGOMB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBGOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*
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7: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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10: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1298764
         GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1298764 segs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
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1 DWVCEWLKMQWACNML 16
                                                                                                                                                                                                                                                                                                                  US-09-825-517A-143
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                                                                                                        Run on:
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Description	Sequence 54, Appl	143,	112.	122.	125.	140	142	141	49.	151	101	130	1061	146,
SUMMARIES	US-09-825-517A-54 US-09-825-517A-138	US-09-825-517A-143	US-09-825-517A-112	US-09-825-517A-122	US-09-825-517A-125	US-09-825-517A-140	US-09-825-517A-142	US-09-825-517A-141	US-09-825-517A-49	US-09-825-517A-151	US-09-825-517A-101	US-09-825-517A-130	US-09-825-517A-126	US-09-825-517A-146
	111	11	11	11	11	11	11	11	11	11	11	11	11	11
% Query Match Length DB	16	16	16	16	16	16	16	16	16	16	16	16	16	16
% Query Match	100.0	100.0	96.2	96.2	96.2	96.2	96.2	88.5	86.5	86.5	85.6	84.6	82.7	82.7
Score	104	104	100	100	100	100	100	92	90	90	89	88	98	86
Result No.	12	m	₫ :	<u>ب</u> م	و	7	ထ	6	10	11	12	13	14	15

RESULT 2
US-09-825-517A-138
Sequence 138 Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:

Sequence 115, App Sequence 144, App Sequence 148, App Sequence 105, App Sequence 105, App Sequence 107, App Sequence 107, App Sequence 106, App Sequence 106, App Sequence 113, App Sequence 75, App Sequence 75, App Sequence 139, App Sequence 139, App Sequence 139, App Sequence 139, App Sequence 104, App Sequence 104, App Sequence 104, App Sequence 127, App Sequence 12, App Sequence 12, App Sequence 12, App Sequence 12, App Sequence 15, App Sequence 15, App Sequence 150, App Sequence 114, App	ONIC	Length 16; Indels 0; Gaps 0;
11 US-09-825-517A-115 11 US-09-825-517A-148 11 US-09-825-517A-148 11 US-09-825-517A-148 11 US-09-825-517A-105 11 US-09-825-517A-105 11 US-09-825-517A-107 11 US-09-825-517A-107 11 US-09-825-517A-107 11 US-09-825-517A-107 11 US-09-825-517A-147 11 US-09-825-517A-147 11 US-09-825-517A-147 11 US-09-825-517A-147 11 US-09-825-517A-135 11 US-09-825-517A-135 11 US-09-825-517A-137 11 US-09-825-517A-127 11 US-09-825-517A-65 11 US-09-825-517A-67 11 US-09-825-517A-67 11 US-09-825-517A-150 11 US-09-825-517A-150 11 US-09-825-517A-150	ALIGNU 1.7A 0.05-00 7.825,9 41,345 8ion 6	Score 104; DB 11; Pred. No. 3.3e-07; 0; Mismatches 0;
85 81.7 87 81.7 88 81.7 89 81.7 80 76.9 76 79 16 76 73.1 76 73.1 77 72.1 78 72.1 78 72.1 79 72.1 70 72.1 70 72.1 71 72.1 72 69.2 73 16 16 16 16 16 16 16 16 16 16 16 16 16	A-54 Application US/(ORMATION: Bondon, Issac J Ladner, Robert ONVENTION: NUENTION: BUILDAIN BINDING NUENTION: BUILCATION NUMBER: LING DATE: 2003-0 LING DATE: 2003-0 LING DATE: 2003-0 LING DATE: 2000-04-0 SEQ ID NOS: 151 FastSEQ for Window 6 Artificial Sequen ORMATION: CEA bind	100.c Similarity 100.c 6; Conservative DWVCBWLKMQWACNML
11 11 12 22 22 22 22 22 22 22 23 23 23 23 23 23	RESULT 1 US-09-825-517A-54 Squence 54, Applic; Publication No. US2 GENERAL INFORMATION APPLICANT: Rondon, APPLICANT: Radner TITLE OF INVENTION TITLE OF INVENTION TITLE OF INVENTION TITLE OF INVENTION CURRENT APPLICATION CURRENT APPLICATION PRIOR PRIOR PRIOR FILING DATE PRIOR PROPICATION SGOFTWARE FASCEQ SOFTWARE FASCEQ LENGTH: 16 TYPE: PRT LENGTH: 16 CORGANISM: Artific; FEATURE: OPPGANISM: Artific; FEATURE: OPPGANISM: Artific; FEATURE: OPPGANISM: Artific; FEATURE: OPPGANISM: ARTIFICS	Query Match Best Local Matches 1 Qy 1 Db 1

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US-09-825-517A-112
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Sequence 143, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US 09/9825,517A

CURRENT APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PILING DATE: 2003-03-24
FRIOR FILING DATE: 2003-03-24
FRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 138
LINGTH: 16
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Sequence 112, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, 188ac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                        ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-138
                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 104; DB 11;
100.0%; Pred. No. 3.3e-07;
tive 0; Mismatches 0;
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 143
LENOTH: 16
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ORGANISM: Artificial Sequence
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Matches 16; Conservative
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Best Local Similarity 100.
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US-09-825-517A-112
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; Sequence 125, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT APPLICATION NUMBER: US/09-03-03-24
; FRIOR APPLICATION NUMBER: US/09/825,517A
; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (1421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FARESEQ for Windows Version 4.0
SEQ ID NO 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 16;
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                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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96.2%; Score 100; DB 11;
Best Local Similarity 93.8%; Pred. No. 1.1e-06;
Matches 15; Conservative 1; Mismatches 0;
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Pred. No. 1.1e-06;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 122, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.8'
Matches 15; Conservative
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Best Local Similarity
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Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 142
                                                                                                                                                            0; Indels
                                             ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
                                                                                                                      Length
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DXX-016.1 (3421.1005-001)
CURRENT PELING DATE: 2003-03-24
FRIOR PRING APPLICATION NUMBER: US 09/541,345
FRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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                                                                                                        Query Match

96.2%; Score 100; DB 11;
Best Local Similarity 93.8%; Pred. No. 1.1e-06;
Matches 15; Conservative 1; Mismatches 0;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 140
LENCTH: 16
                                                                                                                                                                                                                                                                                                                                                Sequence 140, Application US/09825517A Publication No. US20030203415Al GENERAL INFORMATION:
                                                                                                                                                                                                 1 DWVCEWLKMQWACNML 16
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ORGANISM: Artificial Sequence
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93.8%;
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ORGANISM: Artificial Sequence
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Best Local Similarity
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US-09-825-517A-142
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Length 16;

Score 100; DB 11; Pred. No. 1.1e-06;

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Sequence 141, Application US/09825517A
Sequence 141, Application US/09825517A
Sequence 141, Application No. US20030203415A1
GENERAL INPORMATION:
TOTAL INPORMATION:
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.105-001)
CURRENT FILING DATE: 2003-03-24
CURRENT FILING DATE: 2003-03-44
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 141
LENGTH: 16
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88.5%; Score 92; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.3e-05;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       86.5%; Score 90; DB 11; Length 16; 87.5%; Pred. No. 2.3e-05; Ative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:

CTHER INFORMATION: Synthetic 16-mer microprotein analogue

US-09-825-517A-141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINIDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2003-03-03-24
PRIOR FILING DATE: 2003-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 49
LENOTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 49, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEWLKMQWACNML 16
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Sequence 146, Application US/0982517A;
publication No. US20030203415A1;
publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Renden, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPERENCE: DYX-016.1 (3421.1005-001);
CURRENT APPLICATION NUMBER: US/09/825,517A;
CURRENT FILING DATE: 2003-03-24
; PRIOR PILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
1TILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
1TILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FABLESEQ for Windows Version 4.0
SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRAESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     82.7%; Score 86; DB 11; L
81.2%; Pred. No. 7.8e-05;
Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

Best Local Similarity 81.2%; Pred. No. 4.2e-05;
Matches 13; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 14
US-09-825-517A-126
US-09-825-517A-126
; Sequence 126, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCEWLKMQWACNML 16
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ORGANISM: Artificial Sequence
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Best Local Similarity
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US-09-825-517A-146
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                                                                                                                                                                                                                                                   SEC ID NO 130
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APPLICANT: Rondon, 188ac J; APPLICANT: Rondon, 188ac J; APPLICANT: Rondon, 188ac J; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC; FILE REFERENCE: DXx-016.1 (3421.1005-001); CURRENT FILING DATE: 2003-03-24; PRIOR PILING DATE: 2000-04-03; NUMBER OF SEQ ID NOS: 151; SOFTWARE: FASESEQ for Windows Version 4.0; SEQ ID NO 101
                                                                                                                                                APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DIX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 151
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 85.6%; Score 89; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 3.1e-05; Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         86.5%; Score 90; DB 11; Length 16; 87.5%; Pred. No. 2.3e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 130, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
                                                US-09-825-517A-151
; Sequence 151, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEWLKMQWACNML 16
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCEWLKMQWACNML 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            86.54
Best Local Similarity 87.55
Matches 14, Conservative
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US-09-825-517A-101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-825-517A-101
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-146
Query Match
Best Local Similarity 81.2%; Pred. No. 7.88-05;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps
QY 1 DWVCEWLKNQWACNML 16
Db 1 DWVCEWLKSQWFCNSL 16
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Search completed: September 8, 2004, 15:58:37 Job time: 43.85 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM protein - protein search, using sw model

September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec Run on:

US-09-825-517A-143

1 DWVCEWLKMQWACNML 16 Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

389414 seqs, 51625971 residues Searched:

389414 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Issued Patents AA: Database :

1: /cgnz_6/ptodata/2/jaa/5A COMB.pep:*
2: /cgn2_6/ptodata/2/jaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/jaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/jaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/jaa/PCTUG COMB.pep:*
6: /cgn2_6/ptodata/2/jaa/PCTUG COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

STIMMARTES

		ď			SUMMARIES	
Result		Ouery				
No.	Score	Match	Length	DB	ID	Description
1	46	44.2	677		US-09-061-768A-4	
7	46	44.2	677	4	-09-764-	
~	45				7 10 00	
٠,		7	Τ/	4	-09-621-976-566	
4.	45	43,3	1129	4	US-09-252-991A-28552	Segmence 28552 A
വ	44.5	42.8	491	~	305-4	educine educine
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7	44	42.3	89	4	9-621-976	
80	44	42.3	423	m	-943-714-9	Sequence /155, Ap
σ	43	41.3	428	4	09-489-0	
10	42	40.4	21	4	FC-07CC-7FF-0	Sequence 12688, A
11	42	404	10	٠ <	7 C	Sednence Z/, Appl
10		, <	יי	r .	09-123-251A-2	Sequence 27, Appl
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£		40.4	393	m	US-09-058-376-4	Segmence 4 Appli
14	42	40.4	686	m	US-09-110-517-4	Semience 4 sometimes
15	41	39.4	63	4	US-09-497-491-47	Seguence 4, Applit
16	41	39.4	170	4	-252	Somione 47, Appl
17	41	σ	auc	4	110-00-25 ALCO CEC-00-21	Seduence 21369, A
7	1.4	١v	000	۲,	US-US-252-991A-32166	Sequence 32166, A
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22		38.9	30	Н	US-08-262-037-16	, ,
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25			106	۳,	0.00 0.00	9
26		0 0	1 -	י ר	7-910-55	Sequence 24, Appl
2 0			170	η.	US-U8-444-818-28	28,
- 7		36.7	360	4	US-08-850-328-4	4

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Query Match
Best Local Similarity 40.0%; Pred. No. 44;
Matches 4; Conservative 3; Mismatches 3; Indels

2 WVCEWLKMQW 11

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28 40.5 38.9 516 3 US-08-867-611-6 30 40.5 38.9 516 4 US-09-690-359-6 31 40.5 38.9 516 5 PCT-US92-06965A-11 32 40.5 38.9 798 3 US-08-867-611-36 33 40.5 38.9 798 4 US-09-690-359-36 34 40.5 38.9 1040 4 US-10-104-966-9 35 40.5 38.9 1040 4 US-10-104-966-9 36 40.5 38.9 1040 4 US-10-104-966-9 37 40.5 38.9 2261 3 US-08-444-818-54 38 40.5 38.9 2261 3 US-08-444-818-6 39 40.5 38.9 2261 3 US-08-444-818-8 40.5 38.9 2894 2 US-08-466-9758-23 40 40.5 38.9 2894 2 US-08-466-9758-23 41 40.5 38.9 2894 3 US-08-466-9758-23 42 40.5 38.9 2894 3 US-08-467-9028-23 43 40.5 38.9 2894 4 US-09-2475-265-23 44 40.5 38.9 2895 2 US-08-442-8058-3	Segments A soundings		5 -	Seguence 11, Appl	Seducince 36, Appl	Sequence 36, Appl	Segmence 30. April	, σ	۲ ۲	# L	66,	Seguence 75. April	σα	Comicade 23, Appl	acqueince 23, Appl	Sequence 23, Appl	Sequence 23. April	200	2 6	sednence 23, Appl	Segmence 3. Appli	m	
2.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	US-08-867-611-6	US-09-690-359-6	PCT-US92-06965A-11	118-08-867-611-36	00 000 000 000	02-03-03-36	US-08-444-818-30	US-10-104-966-9	US-08-444-818-54	TS-02-444-819-66	00-010-11-00-00	US-08-444-818-75	US-08-444-818-89	IIS-08-466-9752-23	717 707 707 511	05-06-391-6/1A-23	US-08-467-902A-23	US-09-275-265-23	119-09-941-611-23	C7-TT0 T#C C0 C0	US-08-443-260-3	US-08-442-805A-3	
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** **********************************	38.9	38.9	38.9	38.9	9		38.9	38.9	38.9	38.9		36.7	38.9	38.9	20	, (38.9	38.9	38.9		70.7	38.9	
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ALIGNMENTS

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GENERAL INFORMATION:

APPLICANT: BRASH, ALAN R.

APPLICANT: BOEGLIN, WILLIAM E.

APPLICANT: BOEGLIN, WILLIAM E.

APPLICANT: BISARA, MITSTO

TITLE OF INVENTION: ILPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: ARLES A. TAYLOR, JR.

STEERT: CONTENTION: UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: Diskette, 3.50 inch, 1.4 MB storage
OPERATING SYSTEM: Windows 3.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,768A
FILING DATE: ARRIL 16, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NONE
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
RESULT 1
US-09-061-768A-4
; Sequence 4, Application US/09061768A
; Patent No. 6204037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, UR.
REGISTRATION NUMBER: 39,395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                        NORTH CAROLINA : USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                                                                                                                                                                                                             CITY: DURHAM
STATE: NORTH (
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 27707
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40.0%; Pred. No. 44;
tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1 SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5666, Application US/09621976
; Sequence 1666, Application US/09621976
; Patent No. 6639663
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Glordano, J.Y.
; TILLE OF INVENTION: ESTS and Encoded Human Proteins.
; FILE REFERENCE: GENSET: OS4PRE.
; CURRENT PELLING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR_APPLICATION DATA:

APPLICATION NUMBER: «Unknown»

FILING DATE: «Unknown»

ATTORNEY/AGENT INFORMATION:

NAME: ARLES A. TAYLOR, JR.

REGISTRATION NUMBER: 39,395

REPRENCEN/POCKET NUMBER: 1242/5

TELEPRANCICATION INFORMATION:

TELEPRANCICATION 199 493-8000

TELEPRANCIC (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: unknown SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                               STATE: NORTH CAROLINA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                 ZIP: 27707
COMPUTER READABLE FORM:
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Best Local Similarity 40.v.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     88 WFCRWFELEW 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 WVCEWLKMQW 11
| | :::|
WFCRWFELEW 97
                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-621-976-5666
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Sequence 28552, Application US/09252991A, Sequence 28552, Application US/09252991A, Sequence 28552, Application US/09252991A, Sequence 28552, Application US/09252991A, Patent No. 655195, GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUMBER: US/09/252,991A
CURRENT FILING DATE: 1996-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 28552
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Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
PREPARATION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 1129;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 45; DB 4; Length 112 Pred. No. 1.1e+02; 0; Mismatches 6; Indels
                                                                                                                                                                              Length 71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                      7; Indels
                                                                                                                                                                              Score 45; DB 4;
Pred. No. 5.7;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09640305; Patent No. RE37447; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Fleer, Reinhard
                                                                                                                                                                                  43.3%;
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Best Local Similarity 50.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                   1 DWVCEWLKMOWAC 13
                                                                                                                                                                                                                                                                                                           54 DWNCVWEPHHWLC 66
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ZIP: 19002
                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                   Best Local Similarity
Matches 6; Conserv
                                                                                                                           ; LOCATION: -24..-1
US-09-621-976-5666
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                                                                                  FEATURE:
NAME/KEY: SIGNAL
SEQ ID NO 5666
LENGTH: 71
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US-09-640-305-4
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                         LENGTH:
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US-09-621-976-7155; Sequence 7155, Application US/09621976; Patent No. 6639063
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Patent No. 6187578
GENERAL INFORMATION:
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New York
               INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 491 amino acids
TYPE: amino acid
TOPOLOGY: linear
(610)454-3808
                                                                                                                                                                                Query Match
Best Local Similarity 33.3'
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 45.5
Matches 5; Conservative
                                                                                                                     ; MOLECULE TYPE: protein US-08-360-673-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 DWVCEWLKMOW 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT; ORGANISM: Homo sapiens
US-09-621-976-7155
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Fleer, Reinhard
APPLICANT: For, netrice
APPLICANT: Yeb, ratice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
TITLE OF INVENTION: PREPARATION AND USE
CORRESPONDENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
  FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
FILING DATE: 06-FEB-1995
APPLICATION NUMBER: WO PCT/FR93/00623
FILING DATE: 23-JUM-1993
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUM-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 19002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
                                                                                                                                                                                          NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: ST92040-US
TELECOMMUICATION INFORMATION:
TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
42.8%; Score 44.5; D
Best Local Similarity 33.3%; Pred. No. 52;
Matches 7; Conservative 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO PCT/FR93/00623
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REFERENCE/DOCKET NUMBER: ST92040-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Rhone-Poulenc Rorer Inc.
500 Arcola Rd. 3C43
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CLASSIFICATION: 435
PRIOR APPLICATION 1435
PRIOR APPLICATION NUMBER: WO PCT/FR93/00
FILING DATE: 23-UN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-UN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Julie K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      405 DYICHWLGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 DWVCEWL-----KMQWACN 14
                                                                                                                                                                                                                                                                                                                                                                LENGTH: 491 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/08360673
Patent No. 5679544
                                                                                                                                                                                                                                                                                                 TELEFAX: (610) 454-38 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 500 Arcola CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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No. 61875780 No. 6187578disk of No. 6187578th America, Inc.
                                                          Gaps
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42.8%; Score 44.5; DB 1; Length 491; 33.3%; Pred. No. 52; Live 4; Mismatches 3; Indels 7
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45.5%; Pred. No. 10;
ive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Blinkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Golightly, Elizabeth
APPLICANT: Golightly, Elizabeth
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Encoding Same
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dobert, S.
APPLICANT: Jobert, S.
APPLICANT: Glockano, J.Y.
APPLICANT: Glockano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REPRENCE: GENSET.054PR2
CURRENT APPLICANTON NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 7155
LENGTH: 89
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COMPUTER: IBM Compatible
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Gaps
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APPLICANT: Clark, Ross G.
APPLICANT: Cark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSTLIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2C1.2Rev
CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
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                                                                                                                                                                                                                                                                                                                              Length 21;
                                                                                                                                                                                                                                                                                                                                                                       Indels
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Patent No. 5776732
GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
TITLE OF INFORMINS NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                            Score 42; DB 4;
Pred. No. 4.4;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. 4.4;
1; Mismatches
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                                                                                                                                                                                                                                    OTHER INFORMATION: Sequence is synthesized; Patent No. 6420518
US-09-337-227C-27
CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR FILING DATE: 1998-03-31
PRIOR PLLING DATE: 1997-04-04
PRIOR PLLING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
TYPE: PRT
CORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 27, Application US/09723251A; Patent No. 6608028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40.48;
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Best Local Similarity 50.v.
                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 50.v.
Action 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              3 WVCRAGPLÓWLC 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Patent No. 6608028
US-09-723-251A-27
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US-08-689-974-4
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Sequence 1268B, Application US/09489039A

Sequence 1268B, Application US/09489039A

Sequence 1268B, Application US/09489039A

APPLICANT: GATY Breton et. al

APPLICANT: GATY Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION NUMBER: US 60/117,747

PRIOR APPLICATION NUMBER: US 60/117,747

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

SEQ ID NO 1268B

LENGTH: 428
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APPLICANT: Clark, Ross G.
APPLICANT: Clark, Ross G.
APPLICANT: Cowman, Hantea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Skelton, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES FILE REPERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
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Pred. No. 76;
2; Mismatches
               FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 44; DB 3
Pred. No. 53;
1; Mismatches
                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-0CT-1997
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 27, Application US/09337227C Patent No. 6420518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT; CRGANISM: Klebsiella pneumoniae
US-09-489-039A-12688
                                                                                                                                                                                                                                                                    TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 53.8%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              71.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     110 NWIFEWAKEAMOW 122
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                                                                                                                                                                                                                                                                                                                                                                                      single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   340 DWICNWL 346
                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWL 7
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                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 9
US-09-489-039A-12688
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à q us-09-825-517a-143.rai

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Sequence 47, Application US/09497491
Parent No. 650573
GENERAL INFORMATION:
APPLICANT: Malker, Craig
APPLICANT: Shetty, Reshma
APPLICANT: Olivera, Baldomero M.
APPLICANT: Jourea, Baldomero M.
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Jones, Robert M.
TITLE OF INVENTION: Tau-Conotoxin Peptides
FILE REFERENCE: Tau-Conopetides
CURRENT APPLICATION NUMBER: US/09/497, 491
      REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-85-0555
TELEPK: 415-85-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE: CHARACTERISTICS:
LENGTH: 393 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                   360 WLAVWFKMGSSWLCLLL 376
                                                                                                                                                                                                                                                                                                                                                                                                       2 WVCEWLKM--QWACNML 16
                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 41.23
Period 7; Conservative
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Best Local Similarity 50.0°
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                GenBank
                                                                                                                                                                                                                            MEDIAL
LIBRARY: Geller-
Tave: 459890
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US-09-058-376-4
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US-09-110-517-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/09058376
Fatent No. 6080841
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hawkins, Phillip R.
APPLICANT: Murray, Lynn E.
TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: Palo Alto
STATE: CA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 42; DB Pred. No. 97; 2; Mismatches
ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                               REPERENCE/DOCKET NUMBER: PF-0113 US TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555 TELEPHONE: 415-845-4166 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/058,376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       360 WLAVWFKMGSSWLCLLL 376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 41.2%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 393 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKM--QWACNML
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LIBRARY: GenBank
                  STREET: 3174 FOR
                                                                             U.S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           u.s.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                               94304
                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-689-974-4
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US-09-058-376-4
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Sequence 4, Application US/09110517A
PERENT NO. 6548520
GENERAL INFORMATION
APPLICANT: Robert G
APPLICANT: Fondell, Joseph D
APPLICANT: Pondell, Joseph D
APPLICANT: TLO, Mitsuhiro
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NUCLEAR HORMONE
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NUCLEAR HORMONE
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NUCLEAR HORMONE
TITLE OF INVENTION: NUCLEIC ACID MOLECULES SOFTHARE: FILE REFERENCE: 600-1-224
CURRENT APPLICATION NUMBER: US/09/110,517A
CURRENT FILING DATE: 1998-07-06
NUMBER OF SEQ ID NOS: 51
SOFTWARR: PATENTIN VET. 2.0
                                                                    Gaps
                                                                    7
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40.4%; Score 42; DB 3; Length 393; 41.2%; Pred. No. 97; tive 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  40.4%; Score 42; DB 3; Length 989; 50.0%; Pred. No. 2.6e+02; Live 0; Mismatches 7; Indels
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; BARLIER FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 47
; LENGTH: 63
; TYPE: PRT
; ORGANISM: Conus gloriamaris
US-09-497-491-47
```

Query Match
Best Local Similarity 83.3%; Pred. No. 20;
Matches 5; Conservative 0; Mismatches 1; Indels

Qy 1 DWVCEW 6
Db 57 DWCCEW 6.2
Search completed: September 8, 2004, 14:31:52

0

0; Gaps

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September 8, 2004, 14:25:19; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
3: cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
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11: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                       OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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103
1 DWVCEWLKMQWACNVL 16
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result Query

No. Score Match Length DB ID

1 103 100.0 16 11 US-09-825-517A-125 Sequence 112, App 2 102 99.0 16 11 US-09-825-517A-12 Sequence 112, App 2 100 97.1 16 11 US-09-825-517A-12 Sequence 112, App 2 100 97.1 16 11 US-09-825-517A-14 Sequence 112, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 113, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 113, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 113, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 113, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 113, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 114, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 114, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 114, App 1 100 97.1 16 11 US-09-825-517A-14 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-15 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 16 11 US-09-825-517A-16 Sequence 117, App 1 100 97.1 10

Sequence 115, App	Sequence 130, App	144.	68.		147	75.	76	107	Sequence 117, App	135	59.	127	139	103	104	Sequence 105, App	113	137.	67.	82,	Sequence 90, Appl	106,	65,	86,	Sequence 118, App	150,		72, 7	78,
US-09-825-517A-115	- 1	- 1	825-	US-09-825-517A-80	-09-825-	-825-	-825-	-09-825-	-09-825-	US-09-825-517A-135	-09-825-	-09-825-	-60	-09-825-	US-09-825-517A-104	9-825-	9-825-	US-09-825-517A-137	9-825-517A-	US-09-825-517A-82	-09-825-	-09-825-	US-09-825-517A-65	US-09-825-517A-86	-09-825-	US-09-825-517A-150	-09-825-5	US-09-825-517A-72	US-09-825-517A-78
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	6 16			1				7 16	1 16	7 16	П	1	3 16	-	8 16	3 16	3 16	-	16	П	П	1	П	П	-	rd	М	Т	16
81.	81.6	81.	77.	76.7	76.	75.	75.	75.	75.	75.	74.8	74.8	74.8	73.8			Ξ.	73.8	72.8	ď	ď	72.8			71.8			•	69.6
84	84	84	80	79	79	78	78	78	78	78	77	77	77	92	92	97	94	92	75	75	75	75	74	74	74	74	73	72	72
16	17	18	19	20	21	22	23	24	25	56	27	28	59	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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Gaps
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                     Sequence 125, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon. Issac J

APPLICANT: Ladner, Robert C

ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/025,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFFWARE: FastSEQ for Windows Version 4.0
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100.0%; Score 103; DB 11;
Best Local Similarity 100.0%; Pred. No. 3.8e-07;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 142, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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US-09-825-517A-125
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TYPE: PRT
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Publication No. US20030203415A1

GENERAL INPORMATION:
APPLICANT: Rondon, ISSAC J

APPLICANT: Rondon, ISSAC J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXx-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PRESENCE FOR WINDOWS Version 4.0

SEQ ID NO 112

LENGTH: 16
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
FRIOR FILING DATE: 2003-03-24
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 16
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, 188ac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
100.0%; Score 103; DB 11;
Best Local Similarity 100.0%; Pred. No. 3.8e-07;
Matches 16; Conservative 0; Mismatches 0;
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 15; Conserva
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US-09-825-517A-112
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; Sequence 54, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, 1seac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                       Query Match

99.0%; Score 102; DB 11; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e-07;
Matches 15; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/0825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 140
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US-09-825-517A-140
                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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99.0%; Score 102; DB 11;
Best Local Similarity 93.8%; Pred. No. 5.2e-07;
Matches 15; Conservative 1; Mismatches 0;
                       PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO 122
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 54
LENGTH: 16
PRIOR APPLICATION NUMBER: US 09/541,345
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                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence
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US-09-825-517A-143

Sequence 143, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016. (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PELICATION NUMBER: US 09/541,345

PRIOR PELICATION NUMBER: US 09/541,345

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 143

LENGTH: 16

TYPE: PRI

ORGANISM: Artificial Sequence
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT PELLING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PELLON NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FABELSEQ for Windows Version 4.0
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                                                ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-54
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 138, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
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ORGANISM: Artificial Sequence
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97.1%; Score 100; DB 11; Length 16; 93.8%; Pred. No. 9.6e-07;

Query Match Best Local Similarity

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                                                                                                                APPLICATION US/09825517A

Sequence 141, Application US/09825517A

Sequence 141, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Randon, Issac J

APPLICANT: Ladner, Robert C

TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TILLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DXX.016.1 (3421.005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 141

LENTH: 16
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 Indels
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Mismatches
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.8
Matches 15; Conservative
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1 DWVCEWLKMQWACNVL 16
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ORGANISM: Artificial Sequence
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US-09-825-517A-146
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                                                                                 APPLICANT: RONGON. ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 151
LENTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 87.4%; Score 90; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 2.1e-05; Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        90.3%; Score 93; DB 11; Length 16; 93.8%; Pred, No. 8.2e-06; 2.ive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                          , OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CRA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/9425,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-101
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 101
LENGTH: 16
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US-09-825-517A-151
; Sequence 15:, Application US/09825517A
; Publication No. US20030203415A1
; GRNERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 93.8
Matches 15; Conservative
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US-09-825-517A-101
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Sequence 146, Application US/09825517A
Sebication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
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APPLICANT: Ladner, Robert C
11TLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
11TLE OF INVENTION: ANTIGEN (CEA)
11TLE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: 03/09/0225,517A
CURRENT APPLICATION NUMBER: 08/09/541,345
PRIOR APPLICATION NUMBER: 108 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  83.5%; Score 86; DB 11; Length 16; 81.2%; Pred. No. 7e-05;
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                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA) FILE REFERENCE: DYX-016.1 (3421.1005-001) CURRENT FAPLICATION NUMBER: US/09/825,517A CURRENT FILING DATE: 2003-03-24 PRIOR APPLICATION NUMBER: US 09/541,345 PRIOR PILING DATE: 2000-04-03 NUMBER OF SEQ ID NOS: 151 SUFFWARE: FASTSEQ for Windows Version 4.0 SEQ ID NO 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

86.4%; Score 89; DB 11; L

Best Local Similarity 87.5%; Pred. No. 2.8e-05;

Matches 14; Conservative 0; Mismatches 2;
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US-09-825-517A-148
Sequence 148, Application US/09825517A
; Bequence 148, Application No. US20030203415A1
; GENERAL INFORMATION:
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APPLICANT: Rondon, Issac J APPLICANT: Ladner, Robert C

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Search completed: September 8, 2004, 15:58:37 Job time : 43.85 secs

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Best Local Similarity
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                                                                     September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
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Sequence 10, R
Sequence 6, Ag
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Sequence 47,
Sequence 213
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(cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
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        GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-621-976-7155
US-08-943-714-9
US-09-489-039A-12688
US-08-288-508C-2
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US-09-337-221A-27
US-09-497-491-47
US-09-252-991A-2369
US-09-252-991A-32166
US-09-252-991A-32166
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US-09-252-991A-28552
US-09-621-976-5666
US-09-640-305-4
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US-09-058-376-4
US-08-843-417-10
US-09-527-013-10
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                                                                                                                                                                                          389414 seqs, 51625971 residues
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Maximum Match 100%
Listing first 45 summaries
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1 DWVCEWLKMQWACNVL 16
                                                                                                                 US-09-825-517A-142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: BRASH, ALAN R.
APPLICANT: BROSGLIN, WILLIAM E.
APPLICANT: BORGLIN, MILLIAM E.
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APPLICANTE E.
APPLICANT: BORGLIN, MILLIAM E.
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40.0%; Pred. No. 44;
tive 3; Mismatches 3; Indels
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COUNTRY: USA
ZIP: 2707T
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: IBM PC/AT/AT compatible
COMPUTER: IBM PC/AT/AT compatible
OPERATING SYSTEM: Windows 3.1
CURENT APPLICATION DERFECT 6.1 and ASCII
APPLICATION NUMBER: US/09/061,768A
FILING DATE: APRIL 16, 1998
CLASSIPICATION NUMBER: US/09/061,768A
PRIOR APPLICATION AND 435
PRIOR APPLICATION NUMBER:
                                                                                                                 PCT - US92 - 0.6965A-11

US-08-867-611-36

US-09-690-239-36

US-08-444-818-30

US-10-104-966-9

US-08-444-818-54

US-08-444-818-66

US-08-444-818-66

US-08-444-818-89

US-08-444-818-89

US-08-444-818-89

US-08-466-975A-23

US-08-467-902A-23

US-08-467-902A-23

US-08-467-902A-23
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US-08-443-260-3
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FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
RREFRENCK DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/09061768A
Patent No. 6204037
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SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 677 amino acids
amino acid
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    STRANDEDNESS: single
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Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
PREPARATION AND USE
                                                                                                                                                                                                                                  Length 1129;
                                                                                                                                                                                                                                                                                               8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 71;
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ZIP: 19002
COMPUTER READABLE FORM:
MEDIUM TYPE: FLORPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 566, Application US/09621976
Fatent No. 6639063
Fatent No. 6639063
FAPLICANT: Unwas Milne Edwards, J.B.
APPLICANT: JODERT, S.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFREENCE: GENSET. 054PR2
CURRENT FILING DATE: 2000.07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 5666
LENGTH: 71
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Pred. No. 5.6;
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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Pred. No.
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                                                                                                                    TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Fleer, Reinhard
                                                                                                                                                                                                                                     44.78;
40.08;
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Best Local Similarity 46.2
Best Local Similarity 65.2
                                                                                                                                                                                                                                                                                               6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEWLKMQWAC 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LOCATION: -24..-1
US-09-621-976-5666
                                                                                                                                                        ; ORGANISM: FREUGUI
US-09-252-991A-28552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: SIGNAL
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                                                          SEQ ID NO 28552
LENGTH: 1129
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Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: ABROGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILLE OF INVENTION: ABROGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILLE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
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                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: ARLES A. TAYLOR, JR.
STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                       APPLICANT: BRASH, ALAN R.
BOEGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: «Unknown>
FILING DATE: «Unknown>
FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44.7%; Score 46; DB 4; Length 677; 40.0%; Pred. No. 44;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) TOPOLOGY: unknown ; SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-764-246-4
                                                                                                                                                                        Sequence 4, Application US/09764246
Patent No. 6649355
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: NORTH CAROLINA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 27707
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                        88 WFCRWFELEW 97
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Best Local Similarity
Matches 4; Conserva
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US-09-252-991A-28552
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Gaps

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Score 44.5; D
Pred. No. 53;
4; Mismatches
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                                                                                                                                                                                                                                                                                                                         405 DYICHWLGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                 1 DWVCEWL-----KMQWACN 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 9, Application US/08943714
; Patent No. 6187578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 405 Lexington Avenue
New York
                                                                                                                                                                                            Query Match
Best Local Similarity 33.3%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 45.5%;
                                                                : 491 amino acids
amino acid
  TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 491 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 45.5
Matches 5; Conservative
                                                                                                                      MOLECULE TYPE: protein
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ADDRESSEE: NO. 61875
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COMPUTER READABLE FORM:
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ORGANISM: Homo sapiens
                                                                                                             linear
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                                                                                                           TOPOLOGY:
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LENGTH: 89
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US-08-943-714-9
                                                                                                                                                   US-08-360-673-4
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                                                                                         TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 491;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Fleer, Reinhard
APPLICANT: Fournier, Alain
APPLICANT: Fournier, Alain
APPLICANT: Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
FILING DATE: CLASSIFICATION DATA:
APPLICATION NUMBER: FF 92/07785
FILING DATE: 25-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: SMICH, Julie K.
REGISTRATION NUMBER: 38,619
                                                                            FILING DATE: 06-FEB-1995
APPLICATION NUMBER: WO PCT/FR93/00623
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1992
                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: SMICH, JULIE K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: ST92040-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 43.2%; Score 44.5; D
Best Local Similarity 33.3%; Pred. No. 53;
Matches 7; Conservative 4; Mismatches
                 FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
APPLICATION NUMBER: US/09/640,305
                                                                                                                                                                                                                                                                                                                                                                                                            ;
TOPOLOGY: linear
;
MOLECULE TYPE: protein
;
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-640-305-4
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Rhone-Poulenc Rorer Inc. STREET: 500 Arcola Rd. 3C43 CITY: Collegeville
                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         405 DYICHWLGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEWL-----KMQWACN 14
                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 491 amino acids TYPE: amino acid
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Patent No. 5679544
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COMPUTER READABLE FORM:
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                                               Gaps
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DB 1; Length 491;
                                               3; Indels
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Pred. No. 10;
3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Blinkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Berka, Michael
APPLICANT: Golightly, Elizabeth
APPLICANT: Golightly, Elizabeth
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF ENVENTION: Carboxypeptidases And Nucleic Acids
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Dunas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Glordano, J.Y.
FITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-981-490B-1
       Washington
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APPLICANT: GATY Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: NUMBER: US/09/489, 039A
CURRENT PELLOR DATE: 2000-01-27
PRIOR PELLOR DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 12688
LENGTH: 428
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Patent No. 5994094
GENERAL INFORMATION:
APPLICANT: Htten, Gertrud
APPLICANT: Neidhardt, Helge
APPLICANT: Paulista, Michaell
TITLE OF INVENTION: THE TGF-FAMILY
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
                                                                                                                                                                                                                                                                                                                                                                                                  DB 3; Length 423;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                41.7%; Score 43; DB 4; Length 428; 53.8%; Pred. No. 76;
                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
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SOFTWARE: FASTSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                        Score 44; DB 3
Pred. No. 53;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
                                   APPLICATION NUMBER: US/08/943,714
CLASSIFICATION NUMBER: US/08/943,714
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPHONE: 212-867-0123
TELERAX: 212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 12688, Application US/09489039A
Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                        42.7%;
                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :|: || | || || 110
110 NWIFEWAKEAMQW 122
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                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 71.4
Matches 5; Conservative
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Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     340 DWICNWL 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCEWL 7
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US-09-489-039A-12688
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US-08-288-508C-2
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Sequence 1, Application US/08981490B
; Sequence 1, Application US/08981490B
; Patent No. 65141450
; Patent No. 65141450
; Patent No. 65141450
; APPLICANT: Hotten, Gertrud
; APPLICANT: Hotten, Gertrud
; APPLICANT: Bechtold, Rolf
; APPLICANT: Paulista, Michael
; APPLICANT: Bechtold, Rolf
; APPLICANT: Bechtold, Rolf
; APPLICANT: Britista, Michael
; APPLICANT: Britista, Michael
; APPLICANT: Unsicker, Klaus
; TITLE OF INVENTION: USE OF MP52 OR MP121 FOR TREATING AND PREVENTING DISEASES OF THE
; TITLE OF INVENTION: UNMURER: US/08/981, 490B
; CURRENT APPLICATION NUMBER: PCT/EP96/03065
; PRIOR APPLICATION NUMBER: PCT/EP96/03065
; PRIOR APPLICATION NUMBER: DF/195 25 416.3
; PRIOR APPLICATION NUMBER: DF/195 25 416.3
; NUMBER OF SEQ ID NOS: 7
; SOFFWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41.7%; Score 43; DB 2; Length 501; 40.0%; Pred. No. 90;
STATE: D.C.
CUUNTRY: U.S.A.
ZIP: 20005-5701

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PATENTION DATA:
APPLICATION NUMBER: US/08/288,508C
FILING DATE: 10-AUG-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: DE P 43 26 829.3
FILING DATE: 10-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 44 18 222.8
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE: DE P 44 18 222.8
FILING DATE: 09-JUN-1994
ATONEY/AGENT INFORMATION:
NAME: JAHNS, Kristiana M.
REGISTRATION NUMBER: P-41,092
REFERRENCE/DOCKET UNMBER: P-544-019
REFERRENCE/DOCKET UNMBER: P-564-4019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-5000
TELEFAX: (202)638-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 WVCEWLKMQWACNVL 16
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amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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Best Local Similarity
Matches 6; Conserv
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Sequence 21869, Application US/09252991A
; Sequence 21869, Application US/09252991A
; Patent No. 6551795
; Patent No. 6551795
; GENERAL INFORMATION:
    APPLICATION:
    APPLIC
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                                                                                   Score 42; DB 4; Length 21;
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50.0%; Pred. No. 56;
tive 1; Mismatches
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Pred. No. 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Olivera, Baldomero M.
APPLICANT: Hooper, David
APPLICANT: Hooper, David
APPLICANT: Jacobsen, Richard
APPLICANT: Steele, Doug
APPLICANT: Steele, Doug
APPLICANT: Steele, Doug
TITLE OF INVENTION: Tau-Conocoxin Peptides
FILE REPERENCE: Tau-Conocoxin Peptides
CURRENT APPLICATION NUMBER: US/09/497,491
CURRENT FILING DATE: 2000-02-04
EARLIER APPLICATION NUMBER: US 60/118,642
EARLIER PILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 49
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                 1; Mismatches
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                                                                                                                  Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                       US-09-497-491-47; Sequence 47, Application US/09497491; Patent No. 6630573
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83.3%;
                                                                                   40.8%;
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                                                                                                                                                 6; Conservative
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                                                                                                                                                                                                                                                                 3 WVCRAGPLOWLC 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Walker, Craig
APPLICANT: Shetty, Reshma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                   Query Match
Best Local Similarity
Matches 6; Conserv
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; Patent No. 6608028
                        US-09-723-251A-27
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ORGANISM:
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                                                                 Gaps
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APPLICANT: Cochan, Andrea G.
APPLICANT: Cochan, Henry B.
APPLICANT: Schinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TILLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR PELING DATE: 1999-06-31
PRIOR APPLICATION NUMBER: US 08/825,852
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Chen, Voonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
IIIE REPERENCE: PIOTIPECLI ZRev
CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 1999-06-22
PRIOR PILING DATE: 1999-06-22
PRIOR PILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
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DB 4; Length 501; 90;
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                                                              6; Indels
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50.0%; Pred. No. 4.3;
tive 1; Mismatches
                                                          3; Mismatches
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OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Sequence is synthesized
      Score 43;
Pred. No.
                                                                                                                                                                                                                                                                                                                            Sequence 27, Application US/09337227C Patent No. 6420518 GENERAL INFORMATION: APPLICANT: Chen, Yvonne May-Yee APPLICANT: Clark, Ross G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 27, Application US/09723251A; Patent No. 6608028
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   Query Match
Best Local Similarity 40.0%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial sequence
                                                                                                                         2 WVCEWLKMQWACNVL 16
                                                                                                                                                                                12 WYLAWLDLEFICTVL 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 50.0
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Patent No. 6420518
US-09-337-227C-27
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LENGTH: 21
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Search completed: September 8, 2004, 14:31:52 Job time: 14.3 secs

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September 8, 2004, 14:25:19 ; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published Applications AA:*

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16: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          summaries
                                                                                                  using sw model
                                                                                                                                                                                                                                                                                                                                                           BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                      US-09-825-517A-141
105
1 DWVCEWLKMQWFCNAL 16
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Listing first 45 st
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Maximum DB seq length: 2000000000

    protein search,

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1122...
114...
114...
118...
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Perfect score:
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                                                                                                  OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Database :
                                                                                                                                                                                                                                                                                                           Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                                                     Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 126, App Sequence 49, Appl		115,	147,	151,	75, 3	59,	78,	103,	127,	86,	15	114,	117,	137,	80,	100,	109	Sequence 65, Appl	105,	107	113,	13	104,	135,	128	16,	81,	
US-09-825-517A-126 US-09-825-517A-49	-09-825-	US-09-825-517A-115	-60-	US-09-825-517A-151	US-09-825-517A-75	US-09-825-517A-59	US-09-825-517A-78	US-09-825-517A-103	US-09-825-517A-127	US-09-825-517A-86	US-09-825-517A-150	US-09-825-517A-114	US-09-825-517A-117	US-09-825-517A-137	US-09-825-517A-80	US-09-825-517A-100	US-09-825-517A-109	US-09-825-517A-65	US-09-825-517A-105	US-09-825-517A-107	US-09-825-517A-113	US-09-825-517A-139	US-09-825-517A-104	US-09-825-517A-135	US-09-825-517A-128	US-09-825-517A-76	US-09-825-517A-81	US-09-825-517A-90
11	1	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	1	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
84.8	σ	79.0	79.0		78.1	77.1	77.1	77.1	•	76.2	74.3	73.3	73.3	73.3	72.4	72.4	72.4	71.4	71.4	71.4	70.5	70.5	69.5		9.89	67.6	9.19	9.19
8 8 3	83	83	83	83	82	81	81	81	81	80	78	77	77	77	97	16	92	75	75	75	74	74	73	73	72	71	71	71
16	18	19	20	21	22	23	24	25	56	27	28	29	30	31	32	33	34	35	36	3.7	38	39	40	41	42	43	44	45

ALIGNMENTS

```
US-09-825-517A-141
; Sequence 11, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
    APPLICANT: Rondon, Issac J
    APPLICANT: Rohert C
    TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
    TITLE OF INVENTION: ANTIGEN (CEA); FILE REFERENCE: DXX-016.1 (13-11.005-001)
    CURRENT FILING DATE: 2003-03-24
; FILE REPLICATION NUMBER: US/09/825,517A
; CURRENT APPLICATION NUMBER: US 09/541,345
; PRIOR APPLICATION NUMBER: US 09/541,345
; PRIOR PILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 141
; LEAGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FAITURE:
    ORGANISM: Artificial Sequence
; FAITURE:
    ORGANISM: Artificial Sequence
; CTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-141

QUERY MATCh
    Best Local Similarity 100.0%; Pred. No. 3.2e-07;
    Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps
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Sequence 148, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:

US-09-825-517A-148

RESULT 2

1 DWVCEWLKMOWFCNAL 16

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RESULT 6
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PAPLICATION NUMBER: US 09/541,345
PRIOR PAPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 146
LENGTH: 16
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US-09-825-517A-125

Sequence 125, Application US/09825517A
Sequence 125, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
TENDERAL INFORMATION:
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-224
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOTWARE: FASESEQ FOR Windows Version 4.0
SEQ ID NO 148
LENGTH: 16
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US-09-825-517A-146
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93.8%; Pred. No. 2.6e-06;
tive 0; Mismatches 1;
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Seguence
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hes 15; Conservative
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Les 14: Conservative
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Best Local S
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: 08/09/825,517A
CURRENT FILING DATE: 2000-04-03
NUMBER OF SEC ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER: OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 54
LENGTH: 16
                                                                                                                                                                                                                                                                                                     Query Match 88.6%; Score 93; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 1.2e-05; Matches 14; Conservative 0; Mismatches 2; Indels
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ilarity 87.5%; Pred. No. 1.2e-05;
Conservative 0; Mismatches 2.
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
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; Sequence 54, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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Best Local Similarity
Matches 14; Conserva
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US-09-825-517A-142
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14; Conservative
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US-09-825-517A-138
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US 09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 122
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: CATALOGY, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
FRIOR PILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 112
LENGTH: 16
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                                                                                                     Query Match 87.6%; Score 92; DB 11; Length 16; Best Local Similarity 87.5%; Pred. No. 1.6e-05; Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  87.6%; Score 92; DB 11; Length 16;
87.5%; Pred. No. 1.6e-05;
tive 0; Mismatches 2; Indels
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US-09-825-517A-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-112
                     FEATURE:
COTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-54
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      ORGANISM: Artificial Sequence
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Best Local Similarity 87.51
Matches 14; Conservative
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Best Local Similarity
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Sequence 138, Application No. US203323415A1

GENERAL INFORMATION:

APPLICANT: RONdon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DY. C.016.1 (3421.105-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PELICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 16
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| Sequence 140, Application US/09825517A
| Publication No. US20030203415A1
| Publication No. US20030203415A1
| Publication No. US20030203415A1
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRXONIC
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRXONIC
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRXONIC
| TITLE OF INVENTION: BINDING PEPTIDES
| CURRENT APPLICATION NUMBER: US/09/825,517A
| CURRENT APPLICATION NUMBER: US/09/825,517A
| PRIOR FILING DATE: 2000-04-03
| NUMBER OF SEQ ID NOS: 151
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 140
| LENGTH: 16
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87.6%; Score 92; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.6e-05;
Matches 14; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; CTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-138
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ORGANISM: Artificial Sequence
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                                                         1 DWVCEWLKMQWACNIL 16
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1 DWVCEWLKMQWFCNAL
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Matches 14; Conservative
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                                                              GENERAL INFORMATION:

APPLICANT: RONGON, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPREMENTE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOUTHWARE: FASTESEQ FOR Windows Version 4.0
SEQ ID NO 143
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-03-49
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
87.6%; Score 92; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.6e-05;
Matches 13; Conservative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         87.6%; Score 92; DB 11; Length 16
87.5%; Pred. No. 1.6e-05;
Live 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-144
                        Sequence 143, Application US/09825517A
Publication No. US20030203415A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 144, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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US-09-825-517A-101
Sequence 101, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 DWVCEWLKMOWFCNAL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 DWVCEWLKMQWACNML 16
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APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 87.5
Matches 14; Conservative
US-09-825-517A-143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-825-517A-143
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US-09-825-517A-144
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
FRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                          86.7%; Score 91; DB 11; Length 16; 87.5%; Pred. No. 2.2e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        85.7%; Score 90; DB 11; Length 16; 81.2%; Pred. No. 3e-05; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC FITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PELLING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NOS: 151
SEQ ID NOS: 161
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: ROMGON, ISBAC J
APPLICANT: Ladner, Robert C
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-101
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-825-517A-130
Sequence 130, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 DWVCEWLKMQWFCNAL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCEWFKAQWFCNML 16
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Best Local Similarity 87.59
Matches 14; Conservative
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Best Local Similarity 81.2<sup>3</sup>
Matches 13, Conservative
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US-09-825-517A-68
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 68
; EACH ON 68
; TYPE: PRT
; ORGANISM: 16
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-68
Query Match
Best Local Similarity 81.2%; Pred. No. 4e-05;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps
QY 1 DWVCEWIKMQWFCNAL 16
Db 1 DWVCEWFKPQWFCNPL 16
Db 1 DWVCEWFKPQWFCNPL 16
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0;

Search completed: September 8, 2004, 15:58:37 Job time: 43.85 secs

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COMPUTER READABLE FORM: MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-252-991A-28552
                                                                                                                                                                                                                                                                                                                      US-09-252-991A-28552
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US-09-061-768A-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 28, Appl
Sequence 4, Appli
Sequence 26, Appli
Sequence 269, App
Sequence 28111, Ap
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                             (without alignments)
62.106 Million cell updates/sec
                                                                                September 8, 2004, 12:58:43; Search time 13.3 Seconds
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                          Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-252-991A-28552
US-09-061-766A-4
US-09-061-766A-4
US-09-61-976-5666
US-08-943-714-9
US-08-943-714-9
US-08-943-714-9
US-08-943-714-9
US-08-848-20
US-08-487-826B-12
US-08-487-826B-12
US-08-487-826B-12
US-08-487-826B-12
US-09-337-227C-27
US-09-337-259-30
US-09-337-259-30
US-09-337-259-30
US-09-360-373-4
US-09-360-373-269
US-09-360-373-269
US-09-360-386-294
US-09-364-4258-59
US-08-484-631-86
                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                      389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                  Listing first 45 summaries
                                                     OM protein - protein search, using sw model
                                                                                                                                                                                                          Gapop 10.0 , Gapext 0.5
                                                                                                                                                    105
1 DWVCEWLKMQWFCNAL 16
                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0% Maximum Match 100%
                                                                                                                                       US-09-825-517A-141
                                                                                                                                                                                                                                                                                             Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length DB
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30050
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1122
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244
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Perfect score:
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                                                                                                                                                                    Sequence:
                                                                                                                                                                                                                                    Searched:
                                                                                                                                                                                                                                                                                                                                                                                               Database
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Sequence 28552, Application US/09252991A

Requence 28552, Application US/09252991A

Requence 28552, Application US/09252991A

Requence 28552, Application US/09252991A

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 28552
                                  21369, 74

13, Appli

16, Appli

16, Appli

16, Appli

16, Appli

Appli
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| Patent No. 6204037
| GENERAL INFORMATION
| APPLICANT: BERASH, ALAN R.
| APPLICANT: BORGLIN WILLIAM E.
| APPLICANT: JISARA, MITSUO
| TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
| NUMBER OF SEQUENCES: 36
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: ARLES A. TAYLOR, JR.
| STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
| STRATE: NORTH CAROLINA
| STATE: NORTH CAROLINA
| STATE: NORTH CAROLINA
                                                               Sequence
Sequence
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US-08-827-570-86
US-09-497-401-47
US-09-25-991A-21369
US-08-213-419B-13
US-08-262-991A-21369
US-08-262-037-96
US-08-262-037-96
US-08-262-037-96
US-08-444-818-24
US-08-810-328-4
US-08-867-611-6
US-08-867-611-36
US-08-867-611-36
US-08-867-611-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 933 WPSNWLPMSWNCRAV 947
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Best Local Similarity 46.7
Matches 7; Conservative
      24
63
170
227
20
30
30
310
1106
1176
516
516
798
8859
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LENGTH: 677 amino acids
TYPE: amino acid
STRANDEDNESS: single
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      SEQUENCE CHARACTERISTICS:
                                                                                                                                                             44.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        43.8%;
                                                                                                                                                                                                                                                                  88 WFCRWFELEWLPGA 101
                                                                                                                                         Query Match
Best Local Similarity 35./*
Best Local Similarity 5./*
Conservative
                                                                                                                                                                                                                                        2 WVCEWLKMQWFCNA 15
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Blinkov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; LOCATION: -24..-1
US-09-621-976-5666
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NAME/KEY: SIGNAL
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US-09-621-976-5666
                                                                                                                       US-09-764-246-4
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STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
CITY: DURHAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: BRASH, ALAN R.
BOBGLIN, WILLIAM E.
JISAKA, MINSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ·,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READBLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1

SOFTWARE: MORD PERRECT 6.1 and ASCII APPLICATION DATA:

APPLICATION NUMBER: US/09/764,246

FILING DATE: 17-Jan-2001

PRIOR PEPLICATION DATA:

APPLICATION NUMBER: cUnknown>
FILING DATE: CUNKnown>
APPLICATION NUMBER: CUNKNOWN>
RILING DATE: CUNKNOWN>
ATTORNEY/AGENT INVERMATION:
NAME: ARLES A. TAYLOR, JR.

REGISTRATION NUMBER: 39,395

REGISTRATION NUMBER: 39,395

TELEPRENCE/DOCKET NUMBER: 1242/5

TELEPRENCE/DOCKET NUMBER: 1242/5

TELEPROMUNICATION INFORMATION:
TELEPRAS: (919) 493-8000

TELEPRAS: (219) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 47; DB 3; Length 677; Pred. No. 38; 3; Mismatches 6; Indels
            OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT ARPLICATION DATA:
APPLICATION NUMBER: US /09/061,768A FILING DATE: APRIL 16, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NONE APPLICATION NUMBER: FILING DATE:
IBM PC/XT/AT compatible
                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: ARIESA TAYLACH, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEPAK: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09764246
Patent No. 6649355
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: NORTH CAROLINA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          88 WFCRWFELEWLPGA 101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                              SS: single
unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity
Matches 5: Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY;
US-09-061-768A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3
US-09-764-246-4
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STREET: 405 Lexington Avenue
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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0
                                                                                              Length 677;
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                                                                                                                                             6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Binkovsky, Alexander
APPLICANT: Berka, Randy
APPLICANT: Rey Michael
APPLICANT: Rey Michael
APPLICANT: Golightly, Elizabeth
APPLICANT: Golightly, Elizabeth
APPLICANT: Michael
APPLICANT: Mathisen, Thomas Brik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                           Sequence 5666, Application US/09621976
Patent No. 6639063
GENERAL INPORMATION:
APPLICANT: Jobert, S. Application US/09621976
APPLICANT: Jobert, S. APPLICANT: Glocato, J.Y.
TITLE OF INVENTION: ESTE and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILION DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 5666
LENGTH: 71
                                                                                              Score 47; DB 4;
Pred. No. 38;
                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
TOPOLOGY: unknown
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 46;
Pred. No.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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IIILE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
                     NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                            FILING DATE: 07 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FRAGMENT TYPE:
ORIGINAL SOURCE:
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                                                          ADDRESSEE:
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                                                                                                                                   COUNTRY:
ZIP: 9266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
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Patent No. 5843306
GENERAL INFORMATION:
APPLICANT: Chinis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Su, Xin-zhaun
APPLICANT: Su, Xin-zhaun
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 4; Length 89;
                                                                                                                                                                                                                                                                                                                                                                                                                                              43.8%; Score 46; DB 3; Length 423; 43.8%; Pred. No. 33; tive 2; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7155, Application US/09621976
Fatent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFRENCE: GENEST. 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT PILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOCTWARE: PATENT.PM
         COMPUTER: IBM Compatible
ODERATING SYSTEM: DOS
SOFTWARE: FASCERG for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-OCT-1997
CLASSIPICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. 11;
4; Mismatches
                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGRAY INCORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REPRENCE/DOCKET NUMBER: 4990.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPAX: 212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 44.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 --FCNA 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 DWVCEWLKMQWFCNAL 16
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                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 26.5-
7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 43.8<sup>†</sup>
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-09-621-976-7155
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US-09-621-976-7155
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US-08-568-459A-20
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LENGTH: 89
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APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miler, Louis H.
APPLICANT: Miler, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellens, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Indels
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                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/569,459A FILING DATE: 07-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Knobbe Martens Olson & Bear
620 Newport Center Drive 16th Floor
E: Knobbe Martens Olson & Bear
620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY/AGANT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELEPHONE: (619) 235-8550
TELEPHONE: (619) 235-8550
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 32, Application US/08487826B; Patent No. 5993827
                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              229 WMTEW--AEWYCKA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKMQWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               411 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Mai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Newport Beach
STATE: California
                        STREET: 620 Newport
CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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APPLICANT: Sim, Kim L.
APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David S.
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                               41.9%; Score 44; DB 4; Length 411; 42.9%; Pred. No. 62;
                                                                                                                                                                                                                                                                           3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
41.9%; Score 44; DB 2; Length 271
Best Local Similarity 42.9%; Pred. No. 4.4e+02;
Matches 6; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,459A
FILLING DATE: 07-DEC-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
                                                                                                                                                                                                                                                                       3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/ACENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 12, Application US/08568459A; Patent No. 5849306; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Plasmodium falciparum
US-08-568-459A-12
                                                                                                                                                                                                                                                                                                                                                           229 WMTEW--AEWYCKA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2710 amino acids
                                                                                                                                                                                                                                                                                                               2 WVCEWLKMOWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

ORIGINAL SOURCE:
US-09-210-288-20
                                                                                                                                                                                                                Query Match
Best Local Similarity 42.99
Worthes 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 WVCEWLKMQWFCNA 15
                                                                                                                                         internal
             TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 10
US-08-568-459A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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Patent No. 6392026

GENERAL INFORMATION:
APPLICANT: Sin, Kim L.
APPLICANT: Miller, Louis H.
APPLICANT: Wellems, Thous H.
APPLICANT: Wellems, Thous E.
TITLE OF INVENTION: AND PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM PALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martens Olson & Bear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ij
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 44; DB 2; Length 411;
Pred. No. 62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER ZEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM FO Compartible
OPREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CARRENT APPLICATION DATA:
FILING DATE:
US/09/210,288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach STATE: California
                                                             CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH121.001CP1
TELEPHONE: (619) 235-6176
TELEPHONE: (619) 235-6176
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 411 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REPERENCE/DOCKET NUMBER: MIH121.1FWDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 20:
SEGUENCE CHARACTERISTICS:
LENGTH: 411 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           229 WMTEW--AEWYCKA 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKMOWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                  internal
                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                            FILING DATE: 10
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO
FRAGMENT TYPE: ir
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            92660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-487-826B-32
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                               92660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 à
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                                                                                                                                                                                           Sequence 12, Application US/08487826B

| Sequence 12, Application US/08487826B
| Patent No. 5993827
| GENERAL INFORMATION:
| APPLICANT: Sim, Kim L.
| APPLICANT: Chitnis, Chetan APPLICANT: Peterson, David S.
| APPLICANT: Peterson, David S.
| APPLICANT: Wellems, Thomas E.
| TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS |
| NUMBER OF SEQUENCES: 45 |
| CORRESPONDENCE ADDRESS: ASSEREM TO NOT CORRESPONDENCE BODRESS: STREET: 620 Nowport Center Drive 16th Floor CITY: Newport Beach CONTWENT CALLIFORNIA STATE: California Contwenty. The Contwenty of the
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42.9%; Pred. No. 4.4e+02;
tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ISTACHSEN, Ned
REGISTRATION NUMBER: 29,655
REGISTRATION NUMBER: NIH121.001CP1
TELECOMMUNICATION INFORMATION:
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERIFICES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Plasmodium falciparum
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Peterson, David S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Su, Xin-zhaun
Wellems, Thomas E.
|: || :|:| |
1138 WMTEW--AEWYCKA 1149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1138 WMTĖW--AEWYĆKA 1149
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Chitnis, Chetan
Miller, Louis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 2710 amino acids
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Best Local Similarity 42.95
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-210-288-12
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APPLICANT:
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APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Miller, Louis H.
APPLICANT: Su, Xin-zhaun
APPLICANT: Wellems, Thomas E.
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 45
TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS UNIMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               41.9%; Score 44; DB 4; Length 2710; 42.9%; Pred. No. 4.46+02; tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                              STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/08487826B
Patent No. 5993827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE: ORGANISM: Plasmodium falciparum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY AGENT INFORMATION:
NAME: Fuller, Michael
REGISTRATION NUMBER: 36,516
REFRENCE/DOCKET NUMBER: NIHI;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-0176
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 2710 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1138 WMTEW--AEWYCKA 1149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKMQWFCNA 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 42.99
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Ma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
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42.9%; Pred. No. 5e+02;
tive 3; Mismatches 3; Indels
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41.0%; Score 43; DB 4; Length 21;
Best Local Similarity 50.0%; Pred. No. 3.9;
Matches 6; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                         3; Indels
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,826B
FILING DATE: 10-58P-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: 1staelsen, Ned
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NH121.001CP1
TELEPHONE: (619) 235-0176
TELEPHONE: (619) 235-0176
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 3060 amino acids
TYPE: amino acid
STRANDEDINESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION: Sequence is synthesized
Fatent No. 6420518
                                                                                                                                                                                                                                                                                                                                                        1136 WMTEW--AEWYCKA 1147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                   2 WVCEWLKMQWFCNA 15
                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 42.9
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 WVCEWLKMOWFC 13
                                                                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                           ;
US-08-487-826B-14
                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 14
US-09-337-227C-27
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Sequence 27, Application US/09723251A Patent No. 6608028 PATENT INFRMATION: APPLICANT: Chen, Yvonne May-Yee

RESULT 15 US-09-723-251A-27

3 WVCRAGPLOWLC 14

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                                    APPLICANT: SCHOOL AND C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REPRENCE: P1071P2C1. 2Rev
CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 1090-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                       41.0%; Score 43; DB 4; 50.0%; Pred. No. 3.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Sequence is synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: September 8, 2004, 14:31:51 Job time : 13.3 secs
                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial sequence
Cochran, Andrea G.
Lowman, Henry B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 WVCEWLKMQWFC 13
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US-09-723-251A-27
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1148, App 1130, App 68, App 107, App 107, App 1139, App 147, App 147, App 1104, App 1104, App 1137, App 1104, App 1104, App 1104, App 1106, App 1105, App

Sequence Sequence Sequence Sequence Sequence Sequence

US-09-825-517A-148
US-09-825-517A-144
US-09-825-517A-144
US-09-825-517A-144
US-09-825-517A-144
US-09-825-517A-139
US-09-825-517A-139
US-09-825-517A-147
US-09-825-517A-147
US-09-825-517A-16
US-09-825-517A-16
US-09-825-517A-135
US-09-825-517A-135
US-09-825-517A-135
US-09-825-517A-135
US-09-825-517A-135
US-09-825-517A-105
US-09-825-517A-113
US-09-825-517A-113
US-09-825-517A-113
US-09-825-517A-113
US-09-825-517A-113
US-09-825-517A-113
US-09-825-517A-113
US-09-825-517A-113

Sequence Sequence Sequence

Sequence

Sequence Sequence Sequence Sequence

Sequence

72, A 100, 118,

> US-09-825-517A-118 US-09-825-517A-88

ALIGNMENTS

65, # 86, # 113, 150,

Sequence

Sequence

74.8 73.8 73.8 73.8 73.8 73.8 72.8 72.8 72.8 70.9 70.9

Sequence Sequence Sequence Sequence Sequence

Sequence Sequence Sequence

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112, App
140, App
140, App
125, App
142, App
143, App
143, App
141, App
151, App
151, App
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111, App
116, App
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Sequence 101,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 126,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 112,
Sequence 122,
                                                                                                  (without alignments)
114.961 Million cell updates/sec
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Sequence 1
Sequence 1
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                                                                               ; Search time 43.85 Seconds
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*
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                                                                                                                                                                                                                                                                       1298764
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-825-517A-122
US-09-825-517A-140
US-09-825-517A-142
US-09-825-517A-142
US-09-825-517A-138
US-09-825-517A-138
US-09-825-517A-141
US-09-825-517A-141
US-09-825-517A-141
US-09-825-517A-151
US-09-825-517A-151
US-09-825-517A-151
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US-09-825-517A-111
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Maximum Match 100%
Listing first 45 summaries
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seq length: 200000000
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                                                                              GENERAL INFORMATION. ISSAC J
APPLICANT: RONGON,
PULL RONGON,
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
FILE REPERENCE: DXX-016.1 (3421.1005-001)
FILE REPERENCE: 2003-03-24
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 112
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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100.0%; Pred. No. 3.9e-07;
tive 0; Mismatches 0;
       Sequence 112, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEWLKMQWACNIL 16
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 16; Conservat
US-09-825-517A-112
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RESULT 2
US-09-825-517A-122
US-09-825-517A-122
Sequence 122, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:

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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRRESEQ for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-825-517A-142
                                                                                                                                                                                                                                                     US-09-825-517A-125
                                                                                                                                                        TYPE: PRT
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US-09-25-517A-140
| Sequence 140, Application US/09825517A
| Sequence 140, Application US/09825517A
| Publication No. US20030203415A1
| GENERAL INFORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Rondon, Issac J
| TITLE OF INVENITON: BINDING PEPTIDES FOR CARCINOEMBRYONIC
| TITLE OF INVENITON: BINDING PEPTIDES FOR CARCINOEMBRYONIC
| TITLE OF INVENITON: BINDING PEPTIDES FOR CARCINOEMBRYONIC
| TITLE OF INVENITON: ANTIGEN (CEA)
| FILE REPERBENCE: DYX-016.1 (3421.1005-001)
| CURRENT APPLICATION NUMBER: US/09/0825.517A
| PRIOR FILING DATE: 2000-04-03
| NUMBER OF SEQ. ID NOS: 151
| SOFTHARE: PastSEQ for Windows Version 4.0
| SEQ. ID NO. 140
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILLE REPERENCE: DYX-016.1 (3421:1005-001)
CURRENT APPLICATION NUMBER: UG/09/825,517A
FRICH APPLICATION NUMBER: UG/09/825,517A
PRIOR PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-44-03
NUMBER OF SEQ ID NOS: 151
SOFTHARE: PASLSEQ for Windows Version 4.0
SEQ ID NO 122
LENGTH: 16
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; Sequence 125, Application US/08825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PRPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 103; DB 11;
100.0%; Pred. No. 3.9e-07;
tive 0; Mismatches 0;
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100.0%; Score 103; DB 11;
Best Local Similarity 100.0%; Pred. No. 3.9e-07;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
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Matches 16; Conservative
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Sequence 54, Application US/09825517A

Sequence 54, Application US/09825517A

Publication No. US2030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-03

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASESQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BUNDING PED J
FILE REFERENCE: DYX-016.1 (3421.1005-011)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PLILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PSELSEQ for Windows Version 4.0
SEQ ID NO 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-142
                                                            OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 142, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence FEATURE:
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LENGTH: 16
TYPE: PRT
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Sequence 141, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION. ISSAC J
APPLICANT: Rondon, ISSAC J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

89.3%; Score 92; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.1e-05;
Matches 14; Conservative 2; Mismatches 0; Indels
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  Indels
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                                                                                                                                                                                                                                                                                   APPLICANT: ROLLING AND AND AND APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT PAPLICATION NUMBER: US/09/625,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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  Mismatches
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y, O'THER INFORMATION: CEA binding polypeptide
12-03-825-517A-49
                                                                                                                                                                                                               Sequence 49, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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                                                 1 DWVCEWLKMQWACNIL 16
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                                                                                           1 DWVCEWLKMQWACNML 16
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  15; Conservative
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US-09-825-517A-141
                                                                                                                                                                     RESULT 9
US-09-825-517A-49
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LENGTH: 16
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LENGTH: 16
  Matches
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is Sequence 143, Application US/09825517A

publication No. US20030203415A1

j GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BANTIGEN (CRA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FARLERE FOR THINGOMEN VERSION 4.0

SEQ ID NO 143

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: ROLOGO, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
FILER REPERENCE: DYX-016.1 (342.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 138
LENGTH: 16
                                                                                                                      Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    97.1%; Score 100; DB 11; Length 16; 93.8%; Pred. No. 9.9e-07;
                                                                                                                   Ouery Match 97.1%; Score 100; DB 11; Length 1 Best Local Similarity 93.8%; Pred. No. 9.9e-07; Matches 15; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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Pred. No. 9.9e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
                            ; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
209-825-517A-54
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 138, Application US/09825517A publication No. US20030203415A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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Matches 15, Conservative
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Best Local Similarity
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Squence 115, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PERTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT PELING DATE: 2000-04-03

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SEQ ID NO 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 116, Application US/09825517A
| Publication No. U520030203415A1
| GENERAL INFORMATION:
| APPLICANT: Rondon, 18sac J
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: ANTIGEN (CEA)
| FILE REPRENCE: DYX-016.1 (1342.1005-001)
| CURRENT APPLICATION NUMBER: US/09/825,517A
| CURRENT PAPLICATION NUMBER: US/09/825,517A
| PRIOR APPLICATION NUMBER: US 09/541,345
| PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 85.4%; Score 88, DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 3.9e-05; Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       82.5%; Score 85; DB 11; Length 16; 75.0%; Pred. No. 9.7e-05; tive 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-126
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYA-O16.1 (3421.1065-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PAPLICATION NUMBER: US 09/541,345
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PASESEC for Windows Version 4.0
SEQ ID NO 126
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DWVCEWLKMQWACNIL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 75.0°
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 14
US-09-825-517A-115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 15
US-09-825-517A-146
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Sequence 101, Application US/09825517A
Publication No. US20030203415A1
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 86.4%; Score 89; DB 11; Length 16; 1. Similarity 81.2%; Pred. No. 2.8e-05; 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
89.3%; Score 92; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.1e-05;
Matches 14; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-151
                                                                                                                                 APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (34.21.1005-001)
CURRENT PAPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
RIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASESEQ for Windows Version 4.0
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V. OTHER INFORMATION: CEA binding polypeptide
15.09-825-517A-101
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 101
LENGTH: 16
                                                      Sequence 151, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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10-09-82-517A-126

Sequence 126, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, 15sac J

APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 DWVCEWLKMQWACNIL 16
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Best Local Similarity
Matches 13; Conserv
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LENGTH: 16
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146
. LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FARTURE: PROTRIATION: Synthetic 16-mer microprotein analogue US-09-825-517A-146
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Query Match 82.5%; Score 85; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 9.7e-05; Matches 13; Conservative 0; Mismatches 3; Indels

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Search completed: September 8, 2004, 15:58:37 Job time: 44.85 secs

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Query Match
Best Local Similarity 40.0%
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Sequence 5666, Ap
Sequence 28552, A
Sequence 4, Appli
Sequence 4, Appli
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                                                                                                                                                                                                    13; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PcTus_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-764-246-4
US-09-61-976-5666
US-09-61-976-5666
US-09-640-305-4
US-09-640-305-4
US-09-640-305-4
US-09-940-7155
US-09-943-714-9
US-09-723-227C-27
US-09-723-221A-27
US-09-723-221A-27
US-09-723-221A-27
US-09-723-221A-27
US-09-723-221A-27
US-09-723-291A-169
US-09-108-1169
US-09-252-991A-32166
US-09-252-091-36
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                                                                                                                                                                                                               September 8, 2004, 12:58:43
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                           - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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1 DWVCEWLKMQWACNIL 16
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Maximum DB seq length: 2000000000
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Match Length DB
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                                                                                                                                                             OM protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: BRASH, ALAN R.
APPLICANT: BOEGLIN, WILLIAM E.
APPLICANT: BOEGLIN, WILLIAM E.
APPLICANT: JISARA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 46; DB 3; Length 677;
Pred. No. 46;
3; Mismatches 3; Indels
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COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB stc
COMPUTER: IBM PC/XT/AT compatible
OPERATING SYSTEM: Windows 3.1
CURRENT APPLICATION DERFECT 6.1 and ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,768A
FILING DATE: APRL 16, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NONE
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
AP
US-08-850-328-4
US-08-867-611-6
US-09-690-359-6
PCT-US92-06965A-11
US-08-867-611-36
US-08-867-611-36
US-08-444-818-30
US-08-444-818-54
US-08-444-818-54
US-08-444-818-75
US-08-444-818-75
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US-08-444-818-75
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US-08-444-818-75
US-08-466-975A-23
US-08-467-902A-23
US-08-467-902A-23
US-08-467-902A-23
US-08-467-902A-23
US-08-447-818-81
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09061768A Patent No. 6204037 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44.78;
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LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (919) 419-0383
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TOPOLOGY: unknown
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GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: ARUGINICA ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ARUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: ARUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NOS: 33142
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US-09-640-305-4
US-09-640-305-4
Sequence 4, Application US/09640305
Fatent No. RE37447
GENERAL INFORMATION:
GENERAL INFORMATION:
FOURTHEY, Reinhard
FOURTHEY, Alain
Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUTVEROMYCES YEASTS, THEIR
PREPARATION AND USE
PREPARATION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 1129;
                                                                                                                                                                                                 Length 71;
                                                                                                                                                                                                                                     Indels
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  43.7%; Score 45; DB 4; I
50.0%; Pred. No. 1.1e+02;
                                                                                                                                                                                             Score 45; DB 4;
Pred. No. 5.9;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 28552, Application US/09252991A
Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28552
                                                                                                                                                                                             43.7%;
                                                                                                                                                                                                                                                                    1 DWVCEWLKMQWAC 13
                                                                                                                                                                                     Query Match
Best Local Similarity 46.2
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                        54 DWNCVWEPHHWLC 66
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                                                    TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match
Best Local Similarity
-hac 6; Conserve
                                                                                                                                   ; LOCATION: -24..-1
US-09-621-976-5666
                                                                                                            NAME/KEY: SIGNAL
LOCATION: -24...
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              SEQ ID NO 5666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 1129
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                                                                                              FEATURE:
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0
                                                                                                                                                                                                         TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS NUMBER OF SEQUENCES: 3.6
CORRESPONDENCE ADDRESSS: ARLES A. TAYLOR, JR.
STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD CITY: NORTH CAROLINA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIPICATION: 435
PRIOR APPLICATION 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44.7%; Score 46; DB 4; Length 677; 40.0%; Pred. No. 46;
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Fatent No. 6639063
FAREAL INPORMATION
FAPLICANT: Johert, S.
APPLICANT: Johert, S.
FILE REFERENCE: GENSET. 054RR2
CURRENT APPLICATION UMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION;
AMME: ARLES A. TAYLOR,
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: unknown
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: <Unknown>
                                                                                                                                                                     APPLICANT: BRASH, ALAN R.
BOEGLIN, WILLIAM E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
                                                                                                          Sequence 4, Application US/09764246
Patent No. 6649355
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 40.0
Matches 4; Conservative
88 WFCRWFELEW 97
                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | | | :::|
88 WFCRWFELEW 97
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                                                                                          US-09-764-246-4
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No. 61875780 No. 6187578disk of No. 6187578th America, Inc.
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                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ..
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                                                                                                                                                                                                                                                                DB 1; Length 491;
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APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:

APPLICANT: Dobert, S.

APPLICANT: Glochano, J.Y.

APPLICANT: Glochano, J.Y.

TILLE OF INVENTION: ESTS and Encoded Human Proteins.

FILE REFERENCE: GENSET.054PR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SEQ ID NO 7155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42.7%; Score 44; DB 4;
45.5%; Pred. No. 11;
live 3; Mismatches
                                                                                                                                                                                                                                                                   43.2%; Score 44.5; I
33.3%; Pred. No. 55;
tive 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blinkovsky, Alexander
Berka, Randy
Rey, Michael
Golightly, Elizabeth
Klotz, Alan
Mathisen, Thomas Brik
Dambmann, Claus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7155, Application US/09621976
Patent No. 6639063
                                                                                                                                                                                                                                                                                                                                                                                                                                                  405 DYICHWIGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCEWL-----KMOWACN 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 9, Application US/08943714; Patent No. 6187578
; GENERAL INFORMATION:
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IBM Compatible
                                                                                             : 491 amino acids
amino acid
                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 33...
Best Local 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 45.5
Matches 5; Conservative
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10174
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1. CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                     MOLECULE TYPE: protein
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45 DWLADWWKVGW
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OPERATING SYSTEM:
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APPLICANT:
APPLICANT:
APPLICANT:
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US-08-943-714-9
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                                                                                                                                                         TOPOLOGY:
                                                                                                LENGTH:
                                                                                                                                                                                                                       US-08-360-673-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Fournier, Alain
APPLICANT: Fournier, Alain
APPLICANT: Yeh, Patrice
APPLICANT: Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
               APPLICATION NUMBER: US/09/640,305
FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US/08/360,673
FILING DATE: 06-FEB-1995
APPLICATION NUMBER: WO PCT/FR93/00623
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: WP 92/07785
FILING DATE: 23-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: 38,619
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: W0 PCT/FR93/00623
FILING DATE: 23-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: ST92040-US TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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500 Arcola Rd. 3C43
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APPLICATION NUMBER: US/08/360,673
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 DWVCEWL-----KMQWACN 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-360-673-4
; Sequence 4, Application US/08360673
; Patent No. 5679544
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 491 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (610)454-3808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (610)454 - 3839
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SEQUENCE CHARACTERISTICS
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Best Local Similarity 33.5%

The Conservative The Conservativ
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 500 Arcola CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
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JERNEAL TREVERTAILOR.

JAPPLICANT: Clark, Ross G.

APPLICANT: Clark, Ross G.

APPLICANT: Cochran, Andrea G.

APPLICANT: Lowman, Henry B.

APPLICANT: Robinson, Isin C.A.F.

APPLICANT: Skelton, Nicholas J.

TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES

FILE REFERENCE: P1071P2C1.2Rev

CURRENT APPLICATION NUMBER: US/09/723,251A

FRICH APPLICATION NUMBER: US 09/337,227

PRIOR FILING DATE: 1999-06-22

PRIOR FILING DATE: 1999-06-22

NUMBER OF SEQ ID NOS: 51

LENGTH: 21

WANNER OF SEQ ID NOS: 51

LENGTH: 21
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Patent No. 5776732
GENERAL INFORMATIONS.
APPLICANT: Au-Young, Janice
APPLICANT: Hawkins, Phillip R.
APPLICANT: Murray, Lynn B.
TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 42; DB 4;
Pred. No. 4.5;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          40.8%; Score 42; DB 4; 50.0%; Pred. No. 4.5;
                                                                                                                                                                                                                                                                                                                   FEATURE:
COTHER INFORMATION: Sequence is synthesized
Patent No. 6420518
US-09-337-227C-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
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                                                        PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR FILING DATE: 1997-04-04
SEQ ID NO 27
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 27, Application US/09723251A Patent No. 6608028
                                         1999-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40.8%;
                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 WVCEWLKMQWAC 13
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                                   CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Patent No. 6608028
US-09-723-251A-27
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US-09-723-251A-27
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Sequence 12688, Application US/09489039A

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:

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APPLICANT: Chark, Ross G.
APPLICANT: Clark, Ross G.
APPLICANT: Lowman, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Stellon, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
CURRENT APPLICATION NUMBER: US/09/337,227C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 3; Length 423;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 43; DB 4; Length 428; Pred. No. 79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Indels
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                           4990.200-US
                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-007-1997
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         42.7%; Score 44; 71.4%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 27, Application US/09337227C Patent No. 6420518 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-12688
                                                                                                                                                                                                                                                                                                                                                             | INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS: | LENGTH: 423 amino acids | TYPE: amino acid | STRANDEDNESS: single | TOPOLOGY: linear | US-08-943-714-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
41.7%;
Best Local Similarity 53.8%;
Matches 7; Conservative
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110 NWIFEWAKEAMQW 122
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Best Local Similarity 71.4
Matches 5; Conservative
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     SOFTWARE:
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US-09-337-227C-27
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: H tten, Gertrud
APPLICANT: Neidhardt, Helge
APPLICANT: Naulista, Michael
TITLE OF INVENTION: NEW GROWTH/DIFFERENTIATING FACTOR OF
TITLE OF INVENTION: THE TGF- FAMILY
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: W.C.
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-5701
ZIP: 20005-5701
ZIP: 20005-5701
ZIP: 20005-5701
COMPUTER: READABLE FORM:
MEDIUM TYPE: RIPPY disk
COMPUTER: READABLE FORM:
MEDIUM TYPE: BACENIE RELEASE #1.0, Version #1.25
SOFTWARE: PATENION DATA:
PAPLICATION NUMBER: US/08/28,508C
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US P 43 26 829.3
FILING DATE: 10-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 44 18 222.8
FILING DATE: 10-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 44 18 222.8
FILING DATE: 10-MUS-1994
PRIOR APPLICATION NUMBER: DE P 44 10 57.5
FILING DATE: 10-MUS-1994
PRIOR APPLICATION NUMBER: DE P 44 10 57.5
FILING DATE: 10-MUS-1994
PRIOR APPLICATION NUMBER: DE P 44 10 57.5
FILING DATE: 10-MUS-1994
PRIOR APPLICATION NUMBER: P564-4019
TELEPHONE: (202) 589-500
TELEPHONE: (202) 589-500
TELEPHONE: (202) 589-500
TELEPHONE: CARAPETRISTICS:
LENGTH: 501 amino acids
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSE: Nikaido, Marmelstein, Murray & Oram LLP STREET: 655 Fifteenth Street N.W. Suite 330 CITY: Mashington STATE: D.C.
   REFERENCE/DOCKET NUMBER: PF-0113 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08288508C Patent No. 5994094
                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-845-456
TELEPHONE: 415-845-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 393 amino acids
TYPE: amino acids
TYPE: amino acid
TYPE: amino acids
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US-08-288-508C-2
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Patent No. 6080841

GENERAL INFORMATION:

APPLICANT: Au-Young, Janice

APPLICANT: Hawkins, Phillip R.

APPLICANT: Muray, Lynn E.

TILLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 40.8%; Score 42; DB 1; Length 393; Best Local Similarity 41.2%; Pred. No. 1e+02; Matches 7; Conservative 2; Mismatches 6; Indels
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                               COMPUTER READBLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/68,974
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: BAILINGS, LACY J.
REGISTRATION NUMBER: 36,749
REFIERONGLOCKET NUMBER: 9F-0113 US
TELEBOOMUNICATION INFORMATION:
TELEBOOM 115-845-4166
INFORMATION FOR SEQ 1D NO: SEQUENCE CARACTERISTICS:
LENGTH: 393 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/058,376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/689,974
FILING DATE:
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           360 WLAVWFKMGSSWLCLLL 376
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
LIBRARY: GERBANK
CLONE: 459890
                                                                                                                                              u.s.
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                                                                                                                                           COUNTRY: U
ZIP: 94304
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US-09-058-376-4
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RESULT 15
US-08-981-490B-1
Squence 1. Application US/08981490B
Factor No. 6531450
GENERAL INFORMATION:
APPLICANT: Both Jens
APPLICANT: Poll, Jens
APPLICANT: Poll, Jens
APPLICANT: Poll, Jens
APPLICANT: Poll, Jens
TITLE OF INVENTION: USE OF MP52 OR MP121 FOR TREATING AND PREVENTING DISEASES OF THE
TITLE OF INVENTION: USE OF MP52 OR MP121 FOR TREATING AND PREVENTING DISEASES OF THE
TITLE OF INVENTION: USE OF MP52 OR MP121 FOR TREATING AND PREVENTING DISEASES OF THE
TITLE OF INVENTION: USB OF MP52 OR MP1490B
CURRENT FILING DATE: 1996-07-12
FRIOR APPLICATION NUMBER: DE/195 25 416.3
FRIOR APPLICATION NUMBER: DE/195 25 416.3
FRIOR FILING DATE: 1995-07-12
SEQ ID NO 1
LENGTH: 501
TYPE: PRT
CREATE FREE

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                                                                                                                                   Query Match
40.8%; Score 42; DB 2; Length 501;
Best Local Similarity 33.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 4; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 40.8%; Score 42; DB 4; Length 501; Best Local Similarity 33.3%; Pred. No. 1.38+02; Matches 5; Conservative 4; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Search completed: September 8, 2004, 14:31:51 Job time : 13.3 secs
                                                                                                                                                                                                                                                                                                                                                                                                 12 WYLAWLDLEFICTVL 26
                                                                                                                                                                                                                                                                                                                                    2 WVCEWLKMQWACNIL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 WVCEWLKMOWACNIL 16
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; MOLECULE TYPE: protein US-08-288-508C-2
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                     September 8, 2004, 14:25:19 ; Search time 43.85 Seconds
(without alignments)
114.961 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO0_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*

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18: /cgn2_6/ptodata/1/pubpaa/USO0_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1298764 seqs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                           OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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1 DWVCEYFKNQWLCNIL 16
                                                                                                                                                                                                                                                                                                                                                               US-09-825-517A-139
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                                                               Run on:
                                                                                                                                                                                                                                                                                                                                                                       Title:
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	Description		59,	105,		150,	104,	Sequence 109, App	137,	75,	76,	98	115,			Sequence 67, Appl	
	QI	US-09-825-517A-139	US-09-825-517A-59	US-09-825-517A-105	US-09-825-517A-80	US-09-825-517A-150	US-09-825-517A-104	US-09-825-517A-109	US-09-825-517A-137	US-09-825-517A-75	US-09-825-517A-76	US-09-825-517A-86	US-09-825-517A-115	US-09-825-517A-126	US-09-825-517A-128	US-09-825-517A-67	
	DB	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
	f Query Match Length DB	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
á	Query Match	100.0	95.1	90.2	87.3	87.3	86.3	86.3	86.3	85.3	84.3	84.3	83,3	82.4	82.4	81.4	
	Score	102	97	92	68	68	88	88	88	87	98	98	80	84	84	83	
	Result No.		8	ım	4	ינר	9	7	- α	o	0.0	11	12	1 -	1 -	15	

	127	50,		100	130	147	52,	88,	95,	119	52,	116	•	689	91,	112	122	0	149	21			61, A	113,	<u>.</u>			ednence	
US-09-825-517A-107	-825-	US-09-825-517A-50	-09-825-	US-09-825-517A-100	-09-825-5	39-825-	US-09-825-517A-55	US-09-825-517A-88	09-82	09-825-517A-1	-09-825-517A-5	09-825-517A-1	-09-825-517A-4	US-09-825-517A-68	US-09-825-517A-91	39-82	US-09-825-517A-122	0	9-825-	9-825-	9-825-	-517A-5	9-8	US-09-825-517A-113	US-09-825-517A-118	US-09-825-517A-125	US-09-825-	US-09-825-517A-142	US-09-825-517A-148
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ALIGNMENTS

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US-09-825-517A-139

j Sequence 139, Application US/09825517A

j Sequence 139, Application US/09825517A

j Sequence 139, Application No. US20030203415A1

j GENERAL INFORMATION:
    Publication No. US20030203415A1

j APPLICANT: Robert C

j TITLE OF INVENTION:
    ANTIGEN CALCINOEMBRYONIC

j CURRENT FILING DATE: 2000-04-03

j NUMBER OF SEQ ID NOS: 151

j SOFTWARE: FastSEQ for Windows Version 4.0

seq ID NO 139

LENGTH: 16

TYPE: RR

j SOFTWARE: PATION Synthetic 16-mer microprotein analogue

j COMPER INFORMATION: Synthetic 16-mer microprotein analogue

j COMPER INFORMATION: Synthetic 16-mer microprotein analogue

j COMPERTINGEN CONSERVANTION:
    ANTIGEN MATCH

j CONSERVANTION:
    ANTIGEN MATCH

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MATCHES 16; CONSERVANDICNII 16

MATCHES 0; INDUSTRYNOMICNII 16
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Best Local Similarity 81.27
Matches 13, Conservative
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
IBNGTH: 16
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APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
PRIOR FILING DATE: 2000-04-03
SOFTWARE: FASCE ID NOS: 151
SOFTWARE: FASCE OF Windows Version 4.0
SEQ ID NO 105
CEROTY: 16
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81.2%; Pred. No. 2.9e-06;
tive 3; Mismatches 0; Indels
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIENG (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                            95.1%; Score 97; DB 11;
87.5%; Pred. No. 5.8e-07;
Live 1; Mismatches 1.
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US-09-825-517A-80
IS-09-825-517A-80
Publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 87.5'
Matches 14, Conservative
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Matches 13; Conserv
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX.016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 150
LENGTH: 16
                                                                                                                                                                                                                                                                                                                            Query Match 87.3%; Score 89; DB 11; Length 16; Best Local Similarity 75.0%; Pred. No. 7.7e-06; Matches 12; Conservative 3; Mismatches 1; Indels
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Fublication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US/09/825,517A

PRIOR APPLICATION NUMBER: US/09/825,517A

PRIOR FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FASTSEQ for Windows Version 4.0

LENGTH: 16

TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-150
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 80
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-825-517A-150
; Sequence 150, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       1 DWVCEYFKNQWLCNIL 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%; Pred. No. 1.5e-05;
Matches 12; Conservative 2; Mismatches 2
  Mismatches
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                                                                                                                                                              US-09-825-517A-75; Sequence 75, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                                           1 DWVCEYFKNOWLCNIL 16
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    13; Conservative
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APPLICANT: Rondon, ISSAC J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 03/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 137
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ROADON, ISBAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 109
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
86.3%; Score 88; DB 11; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.1e-05;
Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                    Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                         1; Indels
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86.3%; Score 88; DB 11;
Best Local Similarity 81.2%; Pred. No. 1.1e-05;
Matches 13; Conservative 2; Mismatches 1.
                                     FEATURE:
CTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 137, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                             Sequence 109, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
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               ORGANISM: Artificial Sequence
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US-09-825-517A-137
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINIING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US (09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 75
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 84.3%; Score 86; DB 11; Length 16; Best Local Similarity 75.0%; Pred. No. 2e-05; Matches 12; Conservative 3; Mismatches 1; Indels
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERBNCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTSEQ for Windows Version 4.0
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIOEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                               82.4%; Score 84; DB 11; Length 16; 75.0%; Pred. No. 3.9e-05; 1ive 2; Mismatches 2; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERBNCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 82.4%; Score 84; DB 11; L
Best Local Similarity 75.0%; Pred. No. 3.9e-05;
Matches 12; Conservative 1; Mismatches 3;
                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 126
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 128, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWVCEYFKNOWLCNIL 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 75.08
Matches 12; Conservative
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US-09-825-517A-67
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LENGTH: 16
                                                                                                                                                                                                                                                                                                                                             FEATURE:
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                  Sequence 86. Application US/09825517A
Fublication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, ISSA
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CRA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 86
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ## Sequence 115, Application US/09825517A

### Sequence 115, Application US/09825517A

### Publication No. US20030203415A1

### Sequence 115, Application US/09825517A

### Sequence 115, Application US/09825517A

### APPLICANT: Rondon, Issac J

### APPLICANT: Rondon, Issac J

### APPLICANT: Bondon, Issac J

### CURRENT APPLICATION: ANTIGEN (CEA)

### CURRENT FILING DATE: 2003-03-24

### PRIOR PRILCANTON NUMBER: US 09/541,345

### PRIOR FILING DATE: 2000-04-03

### NUMBER OF SEQ ID NOS: 151

### SOFTWARE: FastSEQ for Windows Version 4.0

### SENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
84.3%; Score 86; DB 11; Length 16;
Best Local Similarity 75.0%; Pred. No. 2e-05;
Matches 12; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
83.3%; Score 85; DB 11; Length 16;
Best Local Similarity 75.0%; Pred. No. 2.8e-05;
Matches 12; Conservative 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-86
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, 1seac J
APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Seguence
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US-09-825-517A-126
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 67
: LENGTH: 16
; TYPE: PRT
; ORGANIZER: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-67

Query Match
Best Local Similarity 75.0%; Pred. No. 5.4e-05;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

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Search completed: September 8, 2004, 15:58:36 Job time: 43.85 secs

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Run on:

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Sequence 97, Appl.
Sequence 110, Appl.
Sequence 115, Appl.
Sequence 115, Appl.
Sequence 4715, Appl.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/08328256;
Sequence 9, Application US/08328256;
Patent No. 5643749;
GENERAL INFORMATION:
APPLICANT: REVEL, Michel
APPLICANT: ARAMOVICH, Carolina
APPLICANT: RATOVITSKI, Edward
TITLE OF INVENTION: SOLUBLE INTERFERON ALPHA-RECEPTOR, ITS
TITLE OF INVENTION: REPARATION AND USE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREE: D.C.
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREE: D.C.
COUTY: Washington
STATE: D.C.
COUNTY: USA
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: PatentIn Release #1.0, Version #1.30

SOUTHARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATE: 24-OCT-1994

PRIOR APPLICATION NUMBER: IL 107378

FILING DATE: 24-OCT-1993

ATTONEY/AGENT INFORMATION:

ANNANT INFORMATION:
US-08-242-677-2
US-07-925-695-5
US-09-052-888-97
US-09-723-890-97
US-09-723-801-97
US-09-723-81-97
US-09-723-931-97
US-09-723-931-97
US-09-723-931-97
US-09-723-913-97
US-09-723-913-97
US-09-723-913-97
US-09-723-913-97
US-09-543-681A-4715
US-09-543-681A-4715
US-09-543-681A-4715
US-09-543-681A-4715
US-09-543-681A-4715
US-09-543-681A-4715
US-07-603-133B-22
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REGISTRATION NUMBER: REVEL=13
REFERENCE/DOCKET NUMBER: 25,618
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: 202-628-5197
TELEPRAK: 202-737-3528
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 56 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
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Sequence 12, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 566, Ap
Sequence 574, Ap
Sequence 5, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 4, Appli
Sequence 86, Appli
Sequence 4, Appli
Sequence 6, Appli
Sequence 9, Appli
Sequence 9, Appli
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62.106 Million cell updates/sec
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                                                                                                                                                                                 September 8, 2004, 12:58:43; Search time 13.3 Seconds
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         389414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Issued Patents AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/FCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/FCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/backfilesl.pep:*
                                               GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-328-256-9

US-08-328-256-12

US-09-723-227-27

US-09-723-251A-27

US-09-621-976-5666

US-09-621-976-5666

US-09-134-000C-6254

US-09-134-000C-6254

US-09-134-000C-6254

US-09-134-000C-6254

US-09-134-000C-6254

US-09-134-00C-6254

US-09-527-657-5

US-09-527-657-5

US-09-527-657-5

US-09-61-768A-4

US-09-164-246-4

US-09-164-246-4

US-08-125-86-4

US-08-125-86-4

US-08-125-86-4

US-08-125-86-4

US-08-125-86-4

US-09-535-89-974-4

US-09-535-89-97-4

US-09-535-89-97-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                            389414 seqs, 51625971 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                          - protein search, using sw model
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1 DWVCEYFKNQWLCNIL 16
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Gapop 10.0 , Gapext
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seq length: 200000000
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Maximum DB :
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Result

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3 WVCRAGPLOWLC 14
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Best Local Similarity
Trans 7; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 5
US-09-621-976-5666
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LENGTH: 21
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APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Addres G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Robinson, Iain C.A.F.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
                                                                                                                                     GENERAL INFORMATION:

APPLICANT: REVEL, Michel
APPLICANT: ARRAWOVICH, Carolina
APPLICANT: ARRAWOVICH, Edward
APPLICANT: RATOVITSKI, Edward
TITLE OF INVENTION: SOLUBLE INTERFERON ALPHA-RECEPTOR, ITS
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE AND NOTANDY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 48; DB 1; Length 496;
Pred. No. 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5; Indels
                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/328,256
PRIOR APPLICATION NUMBER: IL 107378
FILING DATE: 24-OCT-1994
APPLICATION NUMBER: IL 107378
FILING DATE: 24-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGET L.
REGISTRATION NUMBER: REVEL=13
REFERENCE/DOCKET NUMBER: 25,618
TELEPHONE: 202-629-197
                                                                                                                                                                                                                                                                                       ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                            Sequence 12, Application US/08328256
Patent No. 5643749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 27, Application US/09337227C
Patent No. 6420518
| ||||| | | |:|
DAVCEYFSEQPLINIL 430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 62.5%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 DWVCEYFKNQWLCNIL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 496 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 202-737-3528
TELEX: 248633
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         202-737-3528
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                       CITY: WABILING STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                              COUNTRY: US
                                                                       RESULT 2
US-08-328-256-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 3
US-09-337-227C-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cochra, Augus G.
APPLICANT: Cochra, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2C1.2Rev
CURRENT APPLICATION NUMBER: US/09/723,251A
PRIOR APPLICATION NUMBER: US 09/337,227
PRIOR APPLICATION NUMBER: US 08/337,227
PRIOR PLILNG DATE: 1999-06-22
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                   Score 44; DB 4; Length 21;
Pred. No. 3.5;
0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     43.1%; Score 44; DB 4; Length 21; 58.3%; Pred. No. 3.5; Live 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5666, Application US/09621976
Patent No. 663963
GENERAL INFORMATION:
APPLICANT: Johert, S. APPLICANT: Glordano, J.Y.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Sequence is synthesized; Patent No. 6420518
US-09-337-227C-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Sequence is synthesized
CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: US 08/825,852
PRIOR FILING DATE: 1997-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 27, Application US/09723251A
Patent No. 6608028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
                                                                                                                                                                                                                                                                                                                                                                 43.1%;
58.3%;
                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 58.3
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 WVCEYFKNOWLC 13
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Sequence 5, Application US/08926922;
Patent No. 5925751;
GENERAL INFORMATION:
APPLICANT: Space, Richard
APPLICANT: Cha, Tai-An
IITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
                                                                                                                                                                     2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                41.2%;
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amino acid
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 60.0
Matches 6; Conservative
                                                                                                                                   Query Match
Best Local Similarity 50.0
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                307 WVCEEPKHEW 316
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                ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Palo Alto
                                                   ; NAME/KEY: SIGNAL
; LOCATION: -83..-1
US-09-621-976-5370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-414-926A-5
                                                                                                                                                                                                                                                                                                              RESULT 8
US-08-414-926A-5
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US-08-926-922-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
TYPE: PRT
                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ð
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APPLICANT: INTROPRATION:
APPLICANT: LYAIN DOUCETLE-Stamm et al
APPLICANT: LYAIN DOUCETLE-Stamm et al
APPLICANT: LYAIN DOUCETLE-STAMD AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTERCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 032796-032
CURRENT APPLICATION NUMBER: US 60/055,778
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR FILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6812
SOFTWARE: PATENTIN Version 3.1
SEQ ID NO 6254
LENGTH: 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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OTHER INFORMATION: Amino acids 5, 8, 12-15 & 22 are Xaa wherein Xaa OTHER INFORMATION: any amino acid.
OTHER INFORMATION: 1
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                                                                                                                                                                                                                                     43.1%; Score 44; DB 4; Length 71; 46.2%; Pred. No. 12; 5; Indels tive 2; Mismatches 5; Indels
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Sequence 5370, Application US/09621976

Patent No. 6639063

GENERAL INFORMATION:
APPLICANT: Unbert, S.
APPLICANT: Jobert, S.
TITLE OF INVENTION: ESTS and Encoded Human Proteins:
TITLE REFERENCE: GENSET.054PR2

CURRENT PILION NUMBER: US/09/621,976

CURRENT FILION DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SOFTWARE: Patent.pm

SEQ ID NO 5370

LENGTH: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6254, Application US/09134000C
Patent No. 6617156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Enterococcus faecalis
CURRENT FILING DATE: 2000-07-21 NUMBER OF SEQ ID NOS: 19335 SOFTWARE: Patent.pm SEQ ID NO 5666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |:||| || :|
EHFKNSWLIKLL 213
                                                                                                                                                                                                                                         Query Match
Best Local Similarity 46.23
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                       1 DWVCEYFKNQWLC 13
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NAME/KEY: MISC_FEATURE
LOCATION: (5)..(22)
                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 7, Conserv
                                                                                                                                           ; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -24..-1
US-09-621-976-5666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-134-000C-6254
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                                                                                 LENGTH: 71
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Pred. No. 1.4e+02;
2; Mismatches 2; Indels
Score 42; DB 4; Length 97; Pred. No. 32;
                                               3; Indels
                                                                                                                                                                                                                                                   Sequence 5. Application US/08414926A

Patent No. 5721354

GENERAL INFORMATION:
APPLICANT: Space, Richard
APPLICANT: Cha, Tai-An
TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,926A
FILING DATE: March 31, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CSETY, LUANN
REGISTRATION NUMBER: 31,822
REFREENCE/DOCKET NUMBER: 31,822
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFEXX: 415-494-762
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Gaps

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41.2%; Score 42; DB 3; Length 399; 60.0%; Pred. No. 1.46+02; ative 2; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/527,657
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Spaete, Richard
Cha, Tai-An
TITLE ON TOWNEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Luann Cserr Attorney at Law
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/926,922
PILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: CSerr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
TELECOMMUNICATION:
TELECHONE: 510-834-1448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 17-Mar-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 750 Arimo Avenue CITY: Oakland
         TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-834-1448
TELEFRAX: 510-839-7810
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 399 amino acids
                                                                                                                                                                                                                                                                                                                                    US-09-527-657-5; Sequence 5, Application US/09527657; Patent No. 6291236; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 399 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 510-839-7810
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                  Query Match
Best Local Similarity 60.07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 60.0
Matches 6; Conservative
                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-253-682-5
                                                                                                                                                                                                                                                                       307 WVCEEPKHEW 316
                                                                                                                                                                                                                                              2 WVCEYFKNOW 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            307 WVCEEPKHEW 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 WVCEYFKNOW 11
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Pred. No. 1.4e+02;
2; Mismatches 2; Indels
                                                                                Sequence 5, Application US/09253682
Fatent No. 6040170
GENERAL INFORMATION:
APPLICANT: Spacete, Richard
APPLICANT: Cha, Tai-An
ITILE OF INVENTION:
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Luann Cserr Attorney at Law
STREET: 750 Arimo Avenue
CITY: Oakland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTEY: USA
ZIP: 94610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/253,682
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Luann Cserr Attorney at Law
STREET: 750 Arimo Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: CBerr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
PRIOR APPLICATION DATA:
PPLICATION NUMBER: 08/926,922
FILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acids
TOPOLOGY: 1:-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     41.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 60.0
                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    307 WVCEEPKHEW 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 WVCEYFKNQW 11
                                             STREET: 750 Ari
CITY: Oakland
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-926-922-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 10
US-09-253-682-5
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Gaps

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US-09-764-246-4
; Sequence 4, Application US/09764246
; Patent No. 6649355
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: DURHAM STATE: NORTH CAROLINA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 27707
COMPUTER READABLE FORM:
                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, J
                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-061-768A-4
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Sequence 4, Application US/09061768A

Patent No. 6204037

APPLICANT: BRASH, ALAN R.

APPLICANT: BOEGLIN, WILLIAM E.

APPLICANT: JISAKA, MISUN

TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: ARLES A. TAYLOR, JR.

STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

TITLE NORTH CARCLINA

STATE: NORTH CARCLINA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
0
                                                                                                                                                                                                                                                                                  COUNTY: USA
ZIP: 94610
COMPUTER READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DCS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/892,100
FILING DATE: 26-Un-2001
CLASSIFICATION NUMBER: US/09/527,657
FILING DATE: 17-Mar-2000
APPLICATION NUMBER: US/08/926,922
FILING DATE: September 10, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         41.2%; Score 42; DB 4; Length 399; 60.0%; Pred. No. 1.4e+02; tive 2; Mismatches 2; Indels
                                                                                  APPLICANT: Spacte, Richard
Cha, Tai-An
TITLE OF INVENTION: NOVEL HUMAN CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Luann Cserr Attorney at Law
STREET: 750 Arimo Avenue
CITY: Oakland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: CSETT, LUADID
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR 11A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-834-1448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                  Sequence 5, Application US/09892100 Patent No. 6635477 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGIH: 399 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 510-839-7810 INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 60.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            307 WVCEEPKHEW 316
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                                                                                                                                                                                                                                                                         STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-061-768A-4
US-09-892-100-5
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: BRASH, ALAN R.
BOEGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .<u>.</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 677;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Indels
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1 SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/061,768A FILING DATE: APRIL 16, 1998 CLASSIFICATION: 435 PRIOR APPLICATION NUMBER: NONE APPLICATION NUMBER: FILING DATE: APRIL OBJORN NUMBER: APPLICATION NUMBER: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 41.2%; Score 42; DB 3; I
Best Local Similarity 45.5%; Pred. No. 2.3e+02;
Matches 5; Conservative 3; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: WORD PERFECT 6.1 and ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                             NAME: ARLES A. TAYLOR, UR.
REGISTRATION NUMBER: 39,395
REPRENCE/DOCKET NUMBER: 1242/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
TELEFAX: (919) 419-0383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kashyap, Arun K.
APPLICANT: Apply, Arun K.
APPLICANT: Johnshap, Dana
APPLICANT: Johnshap, Dana
TITLE OF INVENTION: Compounds and Peptides That Bind to the
TITLE OF INVENTION: Erythropoietin Receptor
NUMBER OF SEQUENCES: 259
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
CITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                         ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ô
                                                                                                                                                                                                       41.2%; Score 42; DB 4; Length 677; 45.5%; Pred. No. 2.3e+02; tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40.2%; Score 41; DB 1; Length 24; 38.5%; Pred. No. 11; 1; 2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CUDNIKY: U.S.A.

CUDNIKY: U.S.A.

CUDNIKY: U.S.A.

CUDNIKY: U.S.A.

MEDIUM TYPE: Floppy disk

COMPUTER IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,635

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRICK APPLICATION DATA:

APPLICATION NUMBER: US 08/155,940

FILING DATE: 19-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Garrett-Wackowski, Eugenia

REGISTRATION NUMBER: 37,330

REFERENCE/DOCKET NUMBER: 37,3430

REFERENCE/DOCKET NUMBER: 37,3430
                   SEQUENCE CHARACTERISTICS:
LENGTH: 677 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 86, Application US/08484635
Patent No. 5773569
GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 24 amino acids
TYPE: amino acid
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Best Local Similarity 38.5
Matches 5, Conservative
                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                               2 WVCEYFKNOWL 12
                                                                                                                                                                                                                                                                                                                         88 WFCRWFELEWL 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-484-635-86
                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 5; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS
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                                                                                                                                                          US-09-764-246-4
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Db 10 EYVCQWGPDTWLC 22
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Search completed: September 8, 2004, 14:31:51 Job time : 14.3 secs

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September 8, 2004, 14:25:19 ; Search time 43.85 Seconds (without alignments) 114.961 Million cell updates/sec
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| cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/USO7_NEW PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1298764 segs, 315065143 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries
                                                                                                                      using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                    BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                              US-09-825-517A-138
104
1 DWVCEWLKMQWACNML 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Minimum DB seg length: 0 Maximum DB seg length: 2000000000
                                                                                                                         OM protein - protein search,
                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                           Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Searched:
                                                                                                                                                                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database
                                                                                                                                                                                       Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	54, Appl	38, App	143, App						141, App				130, App		
Description	Sequence 54	Sequence 13	٠.	Sequence 1		Sequence 1;	Sequence 14			Sequence 45	Sequence 1:	Sequence 10	Sequence 1.	Sequence 17	Sequence 14
ΙD	US-09-825-517A-54	US-09-825-517A-138	US-09-825-517A-143	US-09-825-517A-112	US-09-825-517A-122	US-09-825-517A-125	US-09-825-517A-140	US-09-825-517A-142	US-09-825-517A-141	US-09-825-517A-49	US-09-825-517A-151	US-09-825-517A-101	US-09-825-517A-130	US-09-825-517A-126	US-09-825-517A-146
DB	11	11	11	11	11	11	11	1	11	11	11	Ħ	11	11	11
% Query Match Length	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
% Query Match	100.0	100.0	100.0	96.2	96.2	96.2	96.2	96.2	88.5	86.5	86.5	85.6	84.6	82.7	82.7
Score	104	104	104	100	100	100	100	100	92	06	06	89	88	98	86
Result No.	1	7	m	4	Ŋ	9	7	60	σ	10	11	12	13	14	15

115, 144, 148,	Sequence 99, App. Sequence 105, App. Sequence 80, App. Sequence 80, Appl. Sequence 90, Appl.	103, 106, 107, 113,	147, 75, A 76, A 86, A	139, 104, 127,	Sequence 67, Appl Sequence 72, Appl Sequence 82, Appl Sequence 65, Appl Sequence 18, Appl Sequence 150, Appl Sequence 114, Appl Sequence 114, Appl
US-09-825-517A-115 US-09-825-517A-144 US-09-825-517A-148	09-825-517A-1 09-825-517A-1 09-825-517A-8 09-825-517A-8	9-825-517A-10 9-825-517A-10 9-825-517A-10 9-825-517A-11	US-09-825-517A-147 US-09-825-517A-75 US-09-825-517A-76 US-09-825-517A-185 US-09-825-517A-135	9-825-517A-13 9-825-517A-59 9-825-517A-10 9-825-517A-12	US-09-825-517A-67 US-09-825-517A-82 US-09-825-517A-82 US-09-825-517A-65 US-09-825-517A-78 US-09-825-517A-150 US-09-825-517A-114
4444	1444	11111	11111		
16 16 16	11111	16 16 16	16 16 16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
81.7 81.7 81.7		73.1 73.1 73.1 73.1	73.1 72.1 72.1 72.1 72.1 72.1	72.17 71.2 71.2 71.2 71.2	70.7 70.2 699.2 699.2 689.3 689.3
80 80 80 R R R R C	7 7 8 8 0 7 6 9 7 6 9 7 6 9 9 9 9 9 9 9 9 9 9 9 9	76 76 76	76 75 75 75 75	C 4 4 4 4 4	722 723 747 747 747 747 747 747 747 747 747 74
16 17 18	2222	25 25 26 27	8 6 0 H 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	. W W W W W W W W W W W W W W W W W W W	8 6 6 4 4 4 4 4 4 8 9 9 9 11 12 12 14 12

ALIGNMENTS

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0
         Sequence 54, Application US/09825517A

publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR PRILICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 54

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 104; DB 11;
100.0%; Pred. No. 3.3e-07;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE: OTHER INFORMATION: CEA binding polypeptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 2
US-09-825-517A-138
Sequence 138, Application US/09825517A
Publication No. US20330203415A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 16; Conservat
US-09-825-517A-54
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TYPE: PRT
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APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTICEN (CEA)

FILE REFERENCE: DXX-016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

FRICR APPLICATION NUMBER: US 09/541,345

PRIOR PALICATION NUMBER: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: PASESEQ for Windows Version 4.0

SEQ ID NO 18
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US-09-02-517A-112
is Sequence 112, Application US/09825517A
is Dublication No. US20030203415A1
is GENERAL INFORMATION:
i APPLICANT: Rondon, Issac J
ittle OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ittle OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ittle OF INVENTION: ANTIGEN (CEA)
iftle REFERENCE: DYX-016.1 (3421.1005-001)
icurrent Filing DATE: 2003-03-24
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITTLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITTLE OF INVENTION: ANTIGEN (CEA)
FILE REPRENDED: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 143
LENGTH: 16
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US-09-825-517A-143
                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 104; DB 11;
100.0%; Pred. No. 3.3e-07;
iive 0; Mismatches 0;
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
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Best Local Similarity 100.
Matches 16; Conservative
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US-09-825-517A-143
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PELICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FARESEQ for Windows Version 4.0
SEQ ID NO 122
                                                                                                                                                                                                                                                                                                      Length 16;
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                 Query Match 96.2%; Score 100; DB 11; Best Local Similarity 93.8%; Pred. No. 1.1e-06; Matches 15; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              96.2%; Score 100; DB 11; 93.8%; Pred. No. 1.1e-06;
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PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 112
LENGTH: 16
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LENGTH: 16
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Sequence 125, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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                                                                                                                                                                               ORGANISM: Artificial Sequence
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Best Local Similarity 93.8
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Sequence 49, Application US/09825517A

| Sequence 49, Application US/09825517A
| Sequence 49, Application US/09825517A
| Publication No. US20030203415A1
| GENERAL INFORMATION:
| APPLICANT: Rondon, Issac J
| APPLICANT: Ladner, Robert C
| TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
| TITLE OF INVENTION: ANTIGEN (CEA)
| FILE REFERENCE: DXX-016.1 (3421.1005-001)
| CURRENT FILING DATE: 2003-03-24
| PRIOR APPLICATION NUMBER: US/09/825,517A
| PRIOR FILING DATE: 2000-04-03
| NUMBER: OF SEQ ID NOS: 151
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 49
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     Indels
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APPLICANT: Ladher, Robert C
ATTLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
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1 Similarity 87.5%; Pred. No. 2.3e-05;
14; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
FRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: PSECSEQ for Windows Version 4.0
LENGTH: 16
     Mismatches
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Sequence 141, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                                                     1 DWVCEWLKMOWACNML
     15; Conservative
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Best Local Similarity
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
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APPLICANT: Randon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: Fast SEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 16
TYPE: PRI
ORGANISM: Artificial Sequence
                                                                                                                          Length 16;
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                                             OTHER INFORMATION: Synthetic 16-mer microprotein analogue
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                                                                                                               Query Match
96.2%; Score 100; DB 11;
Best Local Similarity 93.8%; Pred. No. 1.1e-06;
Matches 15; Conservative 1; Mismatches 0;
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; Sequence 140, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 93.88
Matches 15; Conservative
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Best Local Similarity
                                                                    US-09-825-517A-125
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1 DWVCEWLKMQWACNML 16
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 13; Conservi
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LENGTH: 16
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APPLICANT:
Sequence 151, Application US/09825517A
Sequence 151, Application US/09825517A
Publication No. US2003203415A1
GENERAL INFORMATION:
APPLICANT: Ladner, Robert C
TITLE OP INVENTION: BINDIGN (CEA)
FILE REFRENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FateSEQ for Windows Version 4.0
SEQ ID NO 151
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/025,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 101
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ch 85.6%; Score 89; DB 11; Length 16; 11 Similarity 81.2%; Pred. No. 3.1e-05; 13; Conservative 1; Mismatches 2; Indels
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87.5%; Pred. No. 2.3e-05;
tive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-101
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US-09-825-517A-130
S-09-825-17A-130
Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladher, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 101, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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Matches 14; Conservative
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Matches 13; Conserva
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US-09-825-5174-146

i Sequence 146, Application US/09825517A

sequence 146, Application US/09825517A

publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: APTIGEN (CEA)

TITLE OF INVENTION: APTIGEN (CEA)

CURRENT FILLENG DATE: 2003-03-24

CURRENT FILLENG DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 16;
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81.2%; Pred. No. 7.8e-05;
iive 1; Mismatches 2; Indels
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE DEFENDES.

FILE REFERENCE: DYX-016.1 (3421.105-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FARSEQ for Windows Version 4.0

SEQ ID NO 130

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
84.6%; Score 88; DB 11; L.
Best Local Similarity 81.2%; Pred. No. 4.2e-05;
Matches 13; Conservative 0; Mismatches 3;
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SOFTWARE: FastSEQ for Windows Version 4.0
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FATURE:
; ORGANISM: Artificial Sequence
; FATURE:
; ORGANISM: Artificial Sequence
; PERTURE:
; ORTER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-146

Query Match

Query Match

Best Local Similarity 81.2%; Pered. No. 7.8e-05;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps
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Search completed: September 8, 2004, 15:58:36 Job time: 43.85 secs

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2 WVCEWLKMOW 11
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Best Local Similarity
Matches 4; Conserva
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US-09-061-768A-4
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Sequence 2855, Ap
Sequence 4, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 27, Appl
Sequence 27, Appl
Sequence 27, Appl
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 1369, A
Sequence 1369, A
Sequence 2169, A
Sequence 10, Appli
Sequence 6, Appli
Sequence 95, Appli
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                                                                                                        (without alignments)
62.106 Million cell updates/sec
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/cgn2_6/prodata/2/iaa/5B_COMB.pep:*
/cgn2_6/prodata/2/iaa/6A_COMB.pep:*
/cgn2_6/prodata/2/iaa/6B_COMB.pep:*
/cgn2_6/prodata/2/iaa/PcTUS_COMB.pep:*
/cgn2_6/prodata/2/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-489-039A-12688
US-09-723-251A-7
US-09-723-251A-7
US-09-058-376-4
US-09-058-376-4
US-09-110-517-4
US-09-252-991A-21369
US-09-252-991A-21369
US-09-252-991A-25095
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US-09-621-976-5666
US-09-252-991A-28552
US-09-640-305-4
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US-09-621-976-7155
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US-08-262-037-96
US-08-444-818-24
US-08-444-818-28
US-08-850-328-4
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Maximum Match 100%
Listing first 45 summaries
                                                             OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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1 DWVCEWLKMQWACNML 16
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Patent No. 6204037
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: BRASH, ALAN R.
APPLICANT: BOEGLIN, WILLIAM E.
APPLICANT: JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: ALES A. TAYLOR, JR.
STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     44.2%; Score 46; DB 3; Length 677; 40.0%; Pred. No. 44;
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                                   PCT-US92-06965A-11
US-08-867-611-36
US-09-690-3936
US-08-444-818-30
US-08-444-818-66
US-08-444-818-66
US-08-444-818-75
US-08-444-818-75
US-08-444-818-75
US-08-444-818-75
US-08-447-818-89
US-08-447-818-89
US-08-447-802A-23
US-08-46-975A-23
US-08-46-975A-23
US-08-441-611-23
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US-09-441-611-23
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 493-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 677 amino acids
TYPE: amino acid
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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STATE: NORTH CAROLINA
COUNTRY: USA
single
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US-09-252-991A-28552
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    SEQ ID NO 5666
LENGTH: 71
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US-09-640-305-4
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STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                       APPLICANT: BRASH, ALAN R.
BOBGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
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40.0%; Pred. No. 44;
tive 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1 SOFTWARE: WORD PERFECT 6.1 and ASCII CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5666, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Unas Milne Edwards, J.B.
APPLICANT: Glochet, S.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET. 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: «UDKNOWN)
ATTORNEY AGENT INFORMATION:
NAME: ARLES A. TAYLOR, JR.
REGISTRATION NUMBER: 39,395
REFERENCE/DOCKET NUMBER: 1242/5
TELECHONEN: (919) 499-8000
TELEFAX: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: unknown SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-764-246-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
                                                                                                          Sequence 4, Application US/09764246
Patent No. 6649355
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 677 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                      STATE: NORTH CAROLINA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
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88 WFCRWFELEW 97
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                                                                                                                                                                                                                                                                                                                                      CITY: DURHAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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                                                                                                 US-09-764-246-4
                                                                               RESULT 2
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FERENAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLERIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS;
TITLE OF INVENTION: NUCLER: NOW 196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR PLILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
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Yeb, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
PREPARATION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            43.3%; Score 45; DB 4; Length 1129; 50.0%; Pred. No. 1.1e+02; ive 0; Mismatches 6; Indels
                                                                                                                                                        Score 45; DB 4; Length 71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                             Pred. No. 5.7;
; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                                                                                US-09-252-991A-28552
; Sequence 28552, Application US/09252991A
; Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 4, Application US/09640305; Patent No. RE37447; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Fleer, Reinhard
                                                                                                                                                          43.3%;
46.2%;
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                    1 DWVCEWLKMQWAC 13
                                                                                                                                                                                                                                                                                            54 DWNCVWEPHHWLC 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  933 WPSNWLPMSWNC 944
                                                                                                                                                                                                       6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 WVCEWLKMQWAC 13
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                      Best Local Similarity
Matches 6; Conserv
                                                               ; NAME/KEY: SIGNAL
; LOCATION: -24..-1
US-09-621-976-5666
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3; Mismatches
                                                                                                                                                                                                                                                                                                         405 DYICNWLGNLAWTEKLEWRYN 425
                                                                                                                                                                                                                                                                                1 DWVCEWL-----KMQWACN 14
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APPLICANT: Blinkovsky, Alexander
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-943-714-9; Sequence 9, Application US/08943714; Patent No. 6187578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    r: 405 Lexington Avenue
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                              491 amino acids
(610)454-3808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 45.5
Matches 5; Conservative
               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 491 amino acid
                                                                                                                             MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCEWLKMQW 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                  amino acid
                                                                                                           linear
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                                                                                                         TOPOLOGY:
  TELEFAX:
                                                                                                                                                 US-08-360-673-4
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                                                                                    TYPE:
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Patent No. 5679544

GENERAL INFORMATION:
APPLICANT: Fleer, Reinhard
APPLICANT: Fourier, Alain
APPLICANT: Yeh, Patrice
TITLE OF INVENTION: MODIFIED KLUYVEROMYCES YEASTS, THEIR
TITLE OF INVENTION: PREPARATION AND USE
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: TADAP GLSA
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: DatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/360,673
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: WO PCT/FR93/00623
APPLICATION NUMBER: PR 92/07/85
FILING DATE: 23-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 92/07/85
FILING DATE: 25-JUN-1992
ATTORNEY/AGENT INFORMATION:
                                                     APPLICATION NUMBER: US/08/360,673
FILING DATE: 06-FEB-1995
APPLICATION NUMBER: WO PCT/FR93/00623
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: FR 92/07785
FILING DATE: 25-JUN-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: ST92040-US TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 42.8%; Score 44.5; I Best Local Similarity 33.3%; Pred. No. 52; Matches 7; Conservative 4; Mismatches
APPLICATION NUMBER: US/09/640,305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ST92040-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Rd. 3C43
CITY: Collegeville
                                                                                                                                                                                                           NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      405 DYICNWLGNLAWTEKLEWRYN 425
                 FILING DATE: 16-Aug-2000 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DWVCEWL-----KMQWACN 14
                                                                                                                                                                                                                                                                                                  TELEPHONE: (610)454-3839
TELEPRAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 491 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Smith, Julie K.
REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: ST
IELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (610)454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
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                                                                  Gaps
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                                                               7;
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Query Match
42.8%; Score 44.5; DB 1; Length 491;
Best Local Similarity 33.3%; Pred. No. 52;
Matches 7; Conservative 4; Mismatches 3; Indels 7
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APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Roy, Michael
APPLICANT: Rolightly, Elizabeth
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Mathisen, Thomas Erik
APPLICANT: Dambmann, Claus
TITLE OF INVENTION: Carboxypeptidases And Nucleic Acids
TITLE OF INVENTION: Encoding Same
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6187578disk of No. 6187578th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  42.3%; Score 44; DB 4; Length 89;
45.5%; Pred. No. 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Indels
                                                                                                                                                                                                                                                               US-09-61-976-7155

US-09-621-976-7155

Sequence 7155 Application US/09621976

Patent No. 6639063

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, J.B.

APPLICANT: Uobert, S.

APPLICANT: Giordano, J.Y.

TITLE OF INVENTION: ESTS and Encoded Human Proteins.

FILE REFERENCE: GENSET.054FR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SEQ ID NO 7155

LENGTH: 89

MANTALEST APPLICATION NUMBER: US/09/621,976

SEQ ID NO 7155
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CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR FILING DATE: 1998-03-31
PRIOR FILING DATE: 1998-06-33
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
US-09-723-251A-27
Sequence 27, Application US/09723251A
Patent No. 6608028
GENERAL INFORMATION:
APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                             40.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 50.0
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                           2 WVCEWLKMQWAC 13
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Best Local Similarity
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US-09-489-019A-12688

US-09-489-019A-12688

Sequence 12688, Application US/09489019A

Patent No. 6610836

GENERAL INFORMATION:

APPLICANT: Gary Breton et. al

APPLICANT: Gary Breton et. al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

FILE REFERENCE: 2709-2004001

CURRENT APPLICATION NUMBER: US/09/489,039A

CURRENT FILING DATE: 1999-01-27

PRIOR FILING DATE: 1999-01-29

NUMBER OF SEQ ID NOS: 14342

SEQ ID NO 12688

LENGTH: 428
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Patent No. 6420518
GENERAL INFORMATION
APPLICANT: Clark, Ross G.
APPLICANT: Clark, Ross G.
APPLICANT: Lowman, Andrea G.
APPLICANT: Lowman, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Schinson, Iain C.A.F.
APPLICANT: Schinson, Iain C.A.F.
APPLICANT: Statement Skellon, Nicholas J.
TITLE OF INVENTION: INSULIN'LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERENCE: P1071P2.rev
                                                                                                                                                                                                                                                                                                                                                                                                                             42.3%; Score 44; DB 3; Length 423; 71.4%; Pred. No. 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            41.3%; Score 43; DB 4; Length 428; 53.8%; Pred. No. 76;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Indels
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FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
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                                                                                                                                                                 4990.200-US
              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,714
FILING DATE: 03-0CT-1997
CLASSIFFCATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4990.200-US
TELEPHONE: 212-867-0123
TELEPHONE: 212-867-0123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-12688
                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 423 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    110 NWIFEWAKEAMQW 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5; Conservative
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linear
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Matches 5; Conserva
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hes 7; Conserva
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US-09-337-227C-27
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APPLICANT: Cochran, Andrea G.
APPLICANT: Cochran, Henry B.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Relicanton, Nicholas J.
TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFREENCE: P1071P2C1.2Rev
CURRENT APPLICATION NUMBER: US 09/723,251A
CURRENT FILING DATE: 2000-11-27
FRIOR APPLICATION NUMBER: US 09/337,227
FRIOR APPLICATION NUMBER: US 08/825,852
FRIOR APPLICATION NUMBER: US 08/825,852
FRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
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Sequence 4, Application US/08689974

Patent No. 5776732

GENERAL INFORMATION:
APPLICANT: AL-Young, Janice
APPLICANT: Hawkins, Phillip R.
APPLICANT: Murray, Lynn B.
TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40.4%; Score 42; DB 4;
50.0%; Pred. No. 4.4;
tive 1; Mismatches
                                                                                                        Score 42; DB 4
Pred. No. 4.4;
1; Mismatches
; OTHER INFORMATION: Sequence is synthesized; Patent No. 6420518
US-09-337-227C-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Sequence is synthesized
; Patent No. 6608028
US-09-723-251A-27
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REFERENCE/DOCKET NUMBER: PF-0113 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 14
US-09-110-517-4
: Sequence 4, Application US/09110517A
: Patent No. 6248520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            360 WLAVWFKMGSSWLCLLL 376
                            TELECOMMUNICATION INFORMATION TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 WVCEWLKM--QWACNML 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 41.2%;
Matches 7; Conservative
                                                     TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 393 amino acids
TYPE: amino acids
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 WVCEWLKMQWACNM 15
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SEQ ID NO 4
LENGTH: 989
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                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
CORGANISM: Homo sapiens
US-09-110-517-4
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Best Local Similarity
Matches 7; Conserva
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APPLICANT: Hawkins, Phillip R.
APPLICANT: Hawkins, Phillip R.
APPLICANT: Murray, Lynn B.
TITLE OF INVENTION: NOVEL HUMAN INDUCED TUMOR PROTEIN
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREE: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 42; DB 1;
Pred. No. 97;
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ADDRESSEE: Incyte Pharmaceuticals, Inc.
                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: LBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/689,974
FILING DATE: Filed Herewith
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: 96,749
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION INFORMATION INFORMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FASUSEQ Version 1.5
CURRENT APPLICATION DAS
APPLICATION NUMBER: US/09/058,376
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APPLICATION NUMBER: US/08/689,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09058376
Patent No. 6080841
GENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  360 WLAVWFKMGSSWLCLLL 376
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                     STREET: 3174 Porter Drive CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40.4%;
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IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 393 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
7, Conserve
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459890
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OPERATING SYSTEM:
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                                                                                                                    U.S.
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MOLECULE TYPE:
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                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-689-974-4
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Gaps
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APPLICANT: Roeder, Robert G
APPLICANT: Fondell, Joseph D
APPLICANT: Fondell, Joseph D
APPLICANT: Ito, Mitsuhiro
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING NUCLEAR HORMONE
TITLE OF INVENTION: RECEPTOR COACTIVATORS AND USES THEREOF
FILE REFERENCE: 600-1-224
CURRENT APPLICATION NUMBER: US/09/110,517A
CURRENT PILING DATE: 1998-07-06
NUMBER OF SEQ ID NOS: 51
                                                             5
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Score 42; DB 3; Length 393;
Pred. No. 97;
2; Mismatches 6; Indels
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50.0%; Pred. No. 2.6e+02;
tive 0; Mismatches 7; Indels
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OS-09-497 491.7.

SQUENCE AT APPLICATION US/09497491

Patent No. 6630573

GENERAL INFORMATION:

APPLICANT: Walker, Craig

APPLICANT: Shetty, Reshma

APPLICANT: Olivera, Baldomero M.

APPLICANT: Jacobsen, Richard

APPLICANT: Jacobsen, Richard

APPLICANT: Jacobsen, Richard

APPLICANT: Jones, Robert M.

TITLE OF INVENTION: Tau-Conotoxin Peptides

FILE REFERRINCE: Tau-Conopeptides

CURRENT APPLICATION NUMBER: US/09/497,491

CURRENT FILING DATE: 2000-02-04

BARLIER APPLICATION NUMBER: US 60/118,642
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Search completed: September 8, 2004, 14:31:50 Job time: 13.3 secs

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September 8, 2004, 14:25:19 ; Search time 43.85 Seconds
(without alignments)
114.961 Million cell updates/sec
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1: \cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: \cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: \cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

4: \cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

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11: \cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

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13: \cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

13: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

14: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

15: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

16: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

17: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

18: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

18: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

19: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

11: \cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                          OM protein - protein search, using sw model
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1 DWVCEFFKSQWYCNIL 16
                                                                                                                                                                                                                                                                                                                                                         US-09-825-517A-137
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                     Title:
Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

ALIGNMENTS

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 16;
                                                                                  APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBRR: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBRR: US 09/541,345
PRIOR PELING DATE: 2000-04-03
NUMBRE OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 137
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
108-09-825-517A-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 102; DB 11;
100.0%; Pred. No. 2.5e-07;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 150, Application US/09825517A, Publication No. US20030203415A1, GENERAL INFORMATION:
                        Application US/09825517A
                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                        ; Sequence 137, Application US/09; Publication No. US20030203415A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCEFFKSOWYCNIL 16
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Best Local Similarity 100.(
Matches 16; Conservative
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US-09-825-517A-150
US-09-825-517A-137
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TYPE: PRT
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APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

FILE REPERENCE: DAY-016.1 (3421.1005-001)

CURRENT PELLING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 150

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICAMT: Ladner, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT PILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 75
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Best Local Similarity 87.5%; Pred. No. 3.1e-06;
Matches 14; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-150
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Sequence 86, Application US/09825517A

Publication No. US20030203415A1

Publicaturineonariton:
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: ANTIGEN (CEA)
FIRE REFERENCE: DYX.016.1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825517A

CURRENT FILING DATE: 2003-03-24
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91.2%; Score 93; DB 11;
Best Local Similarity 81.2%; Pred. No. 4.2e-06;
Matches 13; Conservative 2; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 75, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
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APPLICANT: Ladner, Robert C
ITLE OF INVENTION: BINING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
FRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 59
LENGTH: 16
                                                                                                                                                                                                                                                                                                      Query Match 90.2%; Score 92; DB 11; Length 16; Best Local Similarity 81.2%; Pred, No. 5.8e-06; Matches 13; Conservative 2; Mismatches 1; Indels
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APPLICANT: RONDON, ISBAC J
APPLICANT: Ladner, RODert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/541,345
PRIOR FILING DATE: 2000-04-03
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75.0%; Pred. No. 7.9e-06;
"Mismatches 0;
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; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-59
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SEQ ID NO 86
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 147
LENGTH: 16
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
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Best Local Similarity 75.0
Matches 12; Conservative
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Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 76
LENGTH: 16
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; Sequence 76, Application US/09825517A
; Publication No. US20030203415A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                            1 DWVCEFFKSQWYCNIL 16
                                                                                     1 DWVCEFFKPOWMCNIL 16
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14; Conservative
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Matches 13; Conserv
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US-09-825-517A-105
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  Matches
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Sequence 104, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Rondon, Issaed J

APPLICANT: Rondon, Issaed J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DYX-016. 1 (3421.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0
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88.2%; Score 90; DB 11; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.1e-05;
Matches 14; Conservative 1; Mismatches 1; Indels
                                                                                                                   Length 16;
                         ; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-147
                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016,1 (1421,1005-001)
CURRENT PELING DATE: 2003-03-24
PRIOR FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
RROR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASTERQ for Windows Version 4.0
                                                                                                            Query Match
Best Local Similarity 81.2%; Pred. No. 7.9e-06;
Matches 13; Conservative 2; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                             US-09-825-517A-67; Sequence 67, Application US/09825517A; Sequence No. Application No. Publication No. GENERAL INFORMATION:
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                                                                                                                                                                                                           1 DWVCEFFKSQWYCNIL 16
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    ORGANISM: Artificial Sequence
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Best Local Similarity
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LENGTH: 16
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Sequence 105, Application US/09825517A

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPRENCE: DXX-016.1 (3421.1005-001)
CURRENT PILING DATE: 2003-03-24
PRIOR FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 105
LENGTH: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              86.3%; Score 88; DB 11; Length 16; 81.2%; Pred. No. 2e-05;
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APPLICANT: ROMON, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
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us-09-825-517a-137.rapb

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DEPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 65
LENGTH: 16
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TILLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TILLE REPERENCE: DXx-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-324
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                     85.3%; Score 87; DB 11; Length 16; 75.0%; Pred. No. 2.8e-05; tive 4; Mismatches 0; Indels
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81.2%; Pred. No. 3.8e-05;
tive 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-130
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
                 TITLE OF INVENTION: ANTIGEN (CEA)
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FRRESEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 75.v.
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
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US-09-825-517A-56
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                                                                                                                                                                                                            SEQ ID NO 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
                                                                                                                                                                                                                                                                                                          FEATURE:
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                           Sequence 139, Application US/09825517A

Publication No. US20030203415A1

Publication No. US20030203415A1

GENERAL INFORMATION:

APPLICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REPERENCE: DXX-016.1 (3421.1005-001)

CURRENT PILING DATE: 2003-03-24

PRIOR PILING DATE: 2000-04-03

NUMBER: OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 139

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 12
US-09-825-5174-100

j Sequence 100, Application US/09825517A

j Publication No. US20030203415A1

j GENERAL INFORMATION:
   APPLICANT: Rondon, Issac J

j APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT FILING DATE: 2003-03-24

PRIOR FILING DATE: 2000-04-03

NUMBER: OF SEQ ID NOS: 151

SOFTWARE: FRSTEED for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Synthetic 16-mer microprotein analogue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

86.3%; Score 88; DB 11;
Best Local Similarity 81.2%; Pred. No. 2e-05;
Matches 13; Conservative 2; Mismatches 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 130, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION; Rendon, Issac J; APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEFFKSOWYCNIL 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 DWVCELFKPOWFCNIL 16
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Best Local Similarity 81.2;
              US-09-825-517A-139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 13
US-09-825-517A-130
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NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 56

LENGTH: 16

TYPE: PRT

CRGANICM: Artificial Sequence

FEATURE:

OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-56
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Query Match 82.4%; Score 84; DB 11; Length 16; Best Local Similarity 75.0%; Pred. No. 7.2e-05; Matches 12; Conservative 2; Mismatches 2; Indels QY 1 DWVCEFFKSQWYCNIL 16
Db 1 DWVCEMFKAQWFCNAL 16

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Search completed: September 8, 2004, 15:58:36 Job time : 43.85 secs

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Sequence 9, Appli
Sequence 9, Appli
Sequence 6559, Ap
Sequence 36, Appl
Sequence 9, Appl
Sequence 7, Appli
Sequence 220, Appli
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13, Appl
220, App
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Sequence 220, App
Sequence 220, App
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Sequence 3, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred, No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                               September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62:106 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Description
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1: /cgn2_6/ptcdata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptcdata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptcdata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptcdata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptcdata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptcdata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-328-352-6959
US-08-118-270-36
US-07-0593-08528-36
US-07-657-769B-69
US-08-097-938-7
US-08-913-553-13
US-07-789-184-220
US-07-789-184-220
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US-08-477-362-220
US-08-477-134-220
US-08-911-320A-3
US-08-476-976-7
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US-08-767-993-13
US-08-473-489A-220
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US-08-485-695-220
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US-08-472-840-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-742-440A-7
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Maximum Match 100%
Listing first 45 summaries
                                                                                                            OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                        1 DWVCEFFKSQWYCNIL 16
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                                                                                                                                                                                                                                                                                     US-09-825-517A-137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length DB
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60	40	39.5	21	4	US-09-723-251A-27	Sequence 27	, Appl
`	40	39.2	536	4	US-09-292-225-21	Sequence 21	, Appl
30	40	39.2	555	4	US-09-292-225-15	Sequence 15	, Appl
31	40	39.2	555	4	US-09-292-225-18	Sequence 18	Ċ
32	39	38.2	44	Н	US-08-676-169-6	Sequence 6,	Appli
33	39	38.2	44	4	US-09-063-431A-6	Sequence 6,	App1i
34	39	38.2	26	Н	US-08-328-256-9	Sequence 9,	Appli
35	39	38.2	110	Н	US-08-676-169-4	Sequence 4,	Appli
36	39	38.2	110	4	US-09-063-431A-4	Sequence 4,	Appli
37	39	38.2	119	Н	US-08-676-169-3	Sequence 3,	Appli
38	39	38.2	119	4	US-09-063-431A-3	Sequence 3,	Appli
39	39	38.2	137	Н	US-08-676-169-2	Sequence 2,	Appli
40	39	38.2	137	4	US-09-063-431A-2	Sequence 2,	Appli
41	39	38.2	399	Н	US-08-414-926A-5	Sequence 5,	Appli
42	39	38.2	399	~	US-08-926-922-5	Sequence 5,	Appli
43	39	38.2	399	m	US-09-253-682-5	Seguence 5,	Appli
44	39	38.2	399	ᠬ	US-09-527-657-5	Sequence 5,	Appli
45	39	38.2	399	4	US-09-892-100-5	Sequence 5,	Appli

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RESULT 1

US-07-695-564-9

Saquance 9, Application US/07695564

Sactor No. 5310874

GENERAL INFORMATION:

APPLICANT: Taurata, Richard N.

APPLICANT: Taurata, Nichard N.

APPLICANT: Guaranta, Nichard N.

APPLICANT: Guaranta, Nichard N.

ADPRESSES: Thomas Fitting

STREES: Tollo Sorrento Valley Road, Suite 200

SOFTWARE: Parentlin Release #10, Version #1.25

CLASSIFICATION DATA:

APPLICATION NUMBER: US/07/695,564

FILING DATE: 19910503

CLASSIFICATION NUMBER: SCR0377P

TELEPHONE: SILLING, Thomas

RESISTENCY CANTUMBER: SCR0377P

TELEPHONE: SILLING, Thomas

RESISTENCY CONTRIBUTION: NOUS 9:

SEQUENCE CHARACTERISTICS:

ATTORNATION: Sorrento Annual

FEAUTRE: TYPE: Aprice internal

FEAUTRE: TYPE: protein

NOLECULE TYPE: protein

NOLECULE TYPE: protein

NAME: FEAUTRE: NOO: 9:

SEQUENCE CHARACTERISTICS:

ANTI-SENSE: NO

NOLECULE TYPE: protein

NAME: REPRESSION: Anthomas

NOLECULE TYPE: protein

NAME: REPRESSION: Anthomas

NOTHER INFORMATION: Anthomas

NOTHER INFORMATION: Anthomas

NOTHER INFORMATION: Anthomas

OTHER INFORMATION: Anthomas

NOTHER INFORMATION: Anthomas

OTHER INFORMATION: Anthomas

NOTHER INFORMATION: Anthomas
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TELEPHONE:
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US-08-118-270-36
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      US-08-241-387-9
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                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/08241387
Patent No. 5589570
GENERAL INFORMATION:
APPLICANT: Tamura, Richard N.
APPLICANT: Quaranta, Vitc
TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC
TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                 /note= "The cytoplasmic sequence CDFFK begins at amino acid position 108."
                                                                                                                                                                                                                      0
  ALPHA 3B cDNA with primers 2032/2033."
                                                                                                                                                                       42.2%; Score 43; DB 1; Length 153;
46.7%; Pred. No. 29;
ive 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: The Scripps Research Institute
STREET: 10666 No. 5589570th Torrey Pines Road, TPC-8
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/241,387
FILING DATE: 10-MAY-1994
CLASSIFCATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 07/695,564
FILING DATE: 03-MAY-1004
ATTONNEY,AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: 34,163
TELECOMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                       106 WKCDFFKPTRYYRIM 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                            2 WVCEFFKSQWYCNIL 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 153 amino acids
TYPE: amino acid
TOPOLOGY: unknown
                                                                                                                                                                                           Best Local Similarity 46.7
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FRAGMENT TYPE: internal FEATURE: NAME/KEY: Region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein HYPOTHETICAL: YES
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 1..153
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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NAME/KEY: Domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: CA
STATE: CA
COUNTRY: US
-0. 92037
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                                                                                                                                                                                                                                                                                                                                                                   RESULT 2
US-08-241-387-9
                                                                                                                                                                       Query Match
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Sequence 6959, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPERENCE: GTC99-09408ER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
LENGTH: 272
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                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 36, Application US/08118270
Patent No. 5508384
GENERAL INPORMATION:
APPLICANT: MAUDAY, Randall B.
APPLICANT: Schuster, David I.
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                               ..
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                        Length 153;
                                                               6; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 07/943,236
FILING DATE: 10-5EP-1993
ATTORNEY/AGENT INFORMATION:
NAME: TOWNSEND KEVIN G.
REGISTRATION NUMBER: MIRPHY=2A
TELECOMMUNICATION INUMBER: MIRPHY=2A
TELECOMMUNICATION INUMBER: MIRPHY=2A
                      42.2%; Score 43; DB 1; 46.7%; Pred. No. 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 43;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Acinetobacter baumannii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         42.2%;
                                                                                                                             106 WKCDFFKPTRYYRIM 120
2 WVCEFFKSQWYCNIL 16
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202-737-3528
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6; Conservative
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Best Local Similarity
                                                                                                                                                                                                  RESULT 3
US-09-328-352-6959
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US-08-097-938-7
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                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: New York University
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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41.7%; Score 42.5; DB 5; Length 322;
Best Local Similarity 35.0%; Pred. No. 71;
Matches 7; Conservative 4; Mismatches 4; Indels
                                                                                                                                                                                                                                         4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PALLCATION NUMBER: PCT/US93/08528
FILING DATE: 09-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
                                                                                                                                                                                                                                       4; Mismatches
                                                                                                                                                                                              41.7%; Score 42.5;
35.0%; Pred. No. 71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Townsend, Kevin G.
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: MURPHY=2 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 09-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/943,236
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 36, Application PC/TUS9308528 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC_Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                           1 DW-----VCEFFKSQWYCNI 15
                                                                                                                                                                                                                                                                                                                  62 DWQFGSELCRFVTAAFYCNM 81
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TELEX: 248633
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 248633
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Floppy disk
                                                            322 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   322 amino acids
                                                                                                                                                                              Query Match
Best Local Similarity 35.0%
7; Conservative
                                                                                                 single
                                                                                                                                     ; MOLECULE TYPE: peptide US-08-118-270-36
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                                                                               amino acid
                                                                                                                     linear
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STRANDEDNESS: si
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                                                                                                                     TOPOLOGY:
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                                                      LENGTH:
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RESULT 6 US-07-657-769B-69

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Gaps
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Fatent No. 562974
GENERAL INFORMATION:
APPLICANT: SUNDELIN, JOHAN
TITLE OF INVENTION: RECOMBINANT C140 RECEPTOR AND ITS
TITLE OF INVENTION: AGONISTS AND ANTAGONISTS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
CITY: Washington, D.C.
Sequence 69, Application US/07657769B
PRACEL NO. 5256766
GENERAL INFORMATION:
TITLE OF INVENTION: PHARMACEUTICALS
TITLE OF INVENTION: PHARMACEUTICALS
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: IRELL & MANELLA
STREET: 545 MIDDLEFIELD ROAD, SUITE 200
CITY: MENLO PARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 19910219
CLASSIFICATION: 435
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FOC COMPATIBLE
OPPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           41.7%; Score 42.5; 35.0%; Pred. No. 9
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                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         167 DWQFGSELCRFVTAAFYCNM 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 2000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 DW-----VCEFFKSQWYCNI 15
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AMINO ACID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein US-07-657-7698-69
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1 DW-----VCEFFKSQWYCNI 15

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ATTORNEY/AGENT INFORMATION:

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/789,184
FILING DATE: 19911107
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/POCKET NUMBER: 29,959
REFERENCE/POCKET NUMBER: 22000-20502.20
TELEFRAK: (415) 813-5600
TELEFRAK: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
41.7%; Score 42.5; D
Best Local Similarity 35.0%; Pred. No. 94;
Matches 7; Conservative 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      167 DWQFGSELCRFVTAAFYCNM 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DW-----VCEFFKSQWYCNI 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 494-0792
TELEX: 34-0154
INFORMATION FOR SEQ ID NO: 220:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 425 amino acids TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein US-07-789-184-220
                                                                                                                                                                                                                                                                                                                                 Authorian The Tree STREET: 755 CITY: Palo Alto STATE: California STATE: California City: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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US-08-476-000-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 13, Application US/08313553

Sequence 13, Application US/08313553

Patent No. 56416510

GENERAL INFORMATION:
APPLICANT: TURNER, George J.
TITLE OF INVENTION: EXPRESSION OF HETEROLOGOUS POLYPEPTIDES
TITLE OF INVENTION: IN HALOBACTERIA
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 42.5; DB 1; Length 425; Pred. No. 94; 4; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                               DB 1; Length 425;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,553
FILING DATE:
                                                                                                                                                                                                                                                                                                                            11.7%; Score 42.5; Ilarity 35.0%; Pred. No. 94; Conservative 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-57669/WHD
TELECOMMUNICATION INFORMATION:
TELEPEAX: (415) 791-1989
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                    22803-20006.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/038,662
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                        || : :|||:
167 DWQFGSELCRFVTAAFYCNM 186
ALICHAEL MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE DOCKET NUMBER: 29,959
REPERENCE DOCKET NUMBER: 22803
TELECHONE: (202) 887-053
TELEPHONE: (202) 887-0763
TELERA: 90-4030
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                  1 DW-----VCEFFKSQWYCNI 15
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Best Local Similarity 35.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 4 Embarcadero
CITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , MOLECULE TYPE: protein US-08-313-553-13
                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 7; Conserva
                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear
US-08-097-938-7
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Gaps
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                                                                US-07-789-184-220
; Sequence 220, Application US/07789184
; Sequence 220, Application US/07789184
; Patent No. 588868
; GENERAL INFORMATION:
APPLICANT: COUGHLIN, SHAUN R.
; APPLICANT: SCARBOXOGH, ROBERT M.
TILLE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
; CORRESPONDENCE S. 223
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ADDRESSE:
; STREET: 755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
   161 DWQFGSELCRFVTAAFYCNM 180
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: 425 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 13
US-08-485-886-220
                                LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-472-840-7
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| Patent No. 575994
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: COUGHLIN, SHAUN R.
| APPLICANT: SCARBOROUGH, ROBERT M.
| TITLE OF INVENTION: RELCOMBINANT THROMBIN RECEPTOR AND
| TITLE OF INVENTION: RELCOMBINANT THROMBIN RECEPTOR AND
| TITLE OF INVENTION: RELCOMBINANT THROMBIN RECEPTOR AND
| TITLE OF SEQUENCES: 223
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: MORRISON & FOERSTER
| STREET: 2000 Pennsylvania Ave., NW
| CITY: Washington COUNTY | COU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4; Indels
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,000
FILING DATE: 07-JUN-1995
CLASSIPICATION: 435
RELASSIPICATION DATA:
APPLICATION NUMBER: US 08/390,301
FILING DATE: 25-JAN-1995
ATORNEY, ACENT INFORMATION:
NAME: ADLER, REID G.
REGISTRATION NUMBER: 2803-0006.20
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OFF.200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
RPLING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
RRGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22000-20502.03
TELECOMMUNICATION INPORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 42.5;
Pred. No. 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           167 DWQFGSELCRFVTAAFYCNM 186
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INPORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             41.7%;
illarity 35.0%;
Conservative
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ZIP: 20006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (202) 307-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 90-4030
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 7; Conserv
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GENERAL INFORMATION:

APPLICANT: SUNDELIN, JOHAN

APPLICANT: SCARBOROUGH, ROBERT M.

TITLE OF INVENTION: RECOMBINANT C140 RECEPTOR, ITS AGONISTS

TITLE OF INVENTION: AND ANTAGONISTS, AND NUCLEIC ACIDS ENCODING THE RECEPTOR
                                                                                                                                        ä
                                                                                                                                        Gaps
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                                                                                            DB 1; Length 425;
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ZIP: 2006-1812

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Ste. 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4;
                                                                                     Query Match 41.7%; Score 42.5; E
Best Local Similarity 35.0%; Pred. No. 94;
Matches 7; Conservative 4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA;
APPLICATION NUMBER: US/08/390,301
FILING DATE: 25-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: ADLER, REID G.
REGISTATION NUMBER: 30,988
REGISTATION NUMBER: 2803-0006.20
TELEPHONE: (202) 897-1500
TELEPHONE: (202) 897-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. 94;
4; Mismatches
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; Patent No. 5798248
                                                                                                                                                                                                             167 DWQFGSELCRFVTAAFYCNM 186
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US-08-472-840-7
Sequence 7, Application US/08472840
Patent No. 5763575
                                                                                                                                                                             1 DW-----VCEFFKSOWYCNI 15
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 35.0
Matches 7; Conservative
TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-475-263-220
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Patent No. 5856448
GENERAL INFORMATION: SHAUN R.
APPLICANT: COUGHLIN, SHAUN R.
TITLE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE PATENTIN STIEM:
SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: 05/08/477,134
FILING DATE: 07-JUN-1995
ATOMNEY AGENT INFORMATION:
NAME: NUTASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/POCKET NUMBER: 29,959
REFERENCE/POCKET NUMBER: 29,959
TELECOMMULCATION INFORMATION:
TELEPHONE: (415) 813-5600
                            FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,184
FILING DATE: 07-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: WIRASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,959
TELECHONE; (415) 813-5600
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   41.7%; Score 42.5; 35.0%; Pred. No. 94;
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UMBER: US/08/477,362
07-JUN-1995
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: MORRISON & FOERSTER STREET: 755 Page Mill Road CITY: Palo Alto STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             167 DWQFGSELCRFVTAAFYCNM 186
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TELEX: 34-0154
INFORMATION FOR SEQ ID NO: 220:
                                                                                                                                                                                                                                                                                                        TELEX: 34-0154
INFORMATION FOR SEQ 1D NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 425 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415, C-792)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match
Best Local Similarity 35.0v
7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-477-362-220
              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 15
US-08-477-134-220
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41.7%; Score 42.5; DB 1; Length 425;
Best Local Similarity 35.0%; Pred. No. 94;
Matches 7; Conservative 4; Mismatches 4; Indels
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Patent No. 5849507
CEMBERL INFORMATION:
APPLICANT: COUGHLIN, SHAUN R.
APPLICANT: SCARBOROUGH, ROBERT M.
ITILE OF INVENTION: RECOMBINANT THROMBIN RECEPTOR AND TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
                                                                              THROMBIN RECEPTOR AND
                                                                                                                                                                                                                                                                              ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MODIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BATCHING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.25
SURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,886
FILING DATE: 07-70/N-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,184
FILING DATE: 07-NOV-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                       APPLICANT: COUGHLIN, SHAUN R.
APPLICANT: SCARBOROUGH, ROBERT M.
TITLE OF INVENTION: RECOMBINANT THROMBIN RE(
TITLE OF INVENTION: RELATED PHARMACEUTICALS
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 22000-20502.20
TELECOMMUNICATION INPORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA

ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                  ADDRESSEE: MORRISON & FORKSTER STREET: 755 Page Mill Road CITY: Palo Alto STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                167 DWOFGSELCRFVTAAFYCNM 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (415) 813-5600
TELERAX: (415) 494-0792
TELEX: 34-0154
INFORMATION FOR SEQ ID NO: 220:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 425 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , MOLECULE TYPE: protein US-08-485-886-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
           GENERAL INFORMATION:
APPLICANT: COUGHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-477-362-220
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; MOLECULE TYPE: protein US-08-477-134-220
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5; Gaps Query Match
41.7%; Score 42.5; DB 2; Length 425;
Best Local Similarity 35.0%; Pred. No. 94;
Matches 7; Conservative 4; Mismatches 4; Indels 5

1;

1 DW----VCEFFKSQWYCNI 15 | | | : : | | : 167 DWQFGSELCRFVTAAFYCNM 186

Search completed: September 8, 2004, 14:31:50 Job time : 14.3 secs

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September 8, 2004, 14:25:19; Search time 43.85 Seconds
(without alignments)
114.961 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications AA:*

| cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
15: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1298764 seqs, 315065143 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                  using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect
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Appl Appl Sequence 136, App Sequence 39, Appl Sequence 1 Sequence 3 Sequence Sequence Sequence Sequence Description Sequence Sequence Sequence Sequence Sequence Sequence Sequence US-09-825-517A-136 US-09-825-517A-39 US-09-825-517A-131 US-09-825-517A-38 US-09-825-517A-42 US-09-825-517A-42 US-09-825-517A-129 US-09-825-517A-129 US-09-825-517A-129 US-09-825-517A-129 US-09-825-517A-131 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-81 US-09-825-517A-81 DB Query Match Length 100.0 999.0 96.2 96.2 93.3 93.3 93.3 92.3 92.3 Score Result

Sequence 58, Appl Sequence 62, Appl Sequence 120, Appl Sequence 124, Appl Sequence 124, Appl Sequence 46, Appl Sequence 47, Appl Sequence 67, Appl Sequence 121, Appl Sequence 121, Appl Sequence 66, Appl Sequence 113, Appl Sequence 113, Appl Sequence 113, Appl Sequence 118, Appl Sequence 66, Appl Sequence 61, Appl Sequence 64, Appl Sequence 66, Appl Sequence 66, Appl Sequence 66, Appl	84, 98, 119, 128, 41, 79,
	11 US-09-825-517A-84 11 US-09-825-517A-98 11 US-09-825-517A-119 11 US-09-825-517A-128 11 US-09-825-517A-41 11 US-09-825-517A-79 11 US-09-825-517A-79
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ALIGNMENTS

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US-09-825-517A-136

US-09-825-517A-136

Sequence 165, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
ANTICANT: Ladner, Robert C

TITLE OF INVENTION: BINDING PERTIDES FOR CARCINOEMBRYONIC
CURRENT PELICATION UNMER: US/09/825,517A

CURRENT FILING DATE: 2000-03-03-48

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR APPLICATION STORE CONTROL OF WINDING OF SEQ ID NO 186

DENGRALS: FASTED FOR WINDOWS: LSI

CORGANISM: Artificial Sequence

PEATURE:
CORGANISM: Artificial Sequence

CORGANISM: Artificial Seq
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TYPE: PRT
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APPLICATE: Ladder, Robert C

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA.);
FILE REFERENCE: DXX-016.1 (3421.1005-001);
CURRENT APPLICATION NUMBER: US 09/641,345;
PRIOR APPLICATION NUMBER: US 09/541,345;
PRIOR FILING DATE: 2000-04-03;
NUMBER: OF SEQ ID NOS: 151;
SOFTWARE: FASTSEQ for Windows Version 4.0;
SEQ ID NO 39
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 99.0%; Score 103; DB 11; Length 16; Best Local Similarity 93.8%; Pred. No. 8.1e-08; Matches 15; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 73
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            96.2%; Score 100; DB 11; Length 16; 93.8%; Pred. No. 2.1e-07;
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Isaac J
APPLICANT: ALGAMER, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
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                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: CEA binding polypeptide
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                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
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Publication No. US20030203415A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Rondon, Issac J

APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINDEMBRYONIC

TITLE OF INVENTION: ANTIGEN (CEA)

TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DY<016A2 (1321.1005-001)

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US/09/825,517A

CURRENT APPLICATION NUMBER: US/09/81,345

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FRAELSEQ for Windows Version 4.0

SEQ ID NO 42

LENGTH: 16

TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPERENCE: DYX-016.1 (3421.1005-001)
CURRENT PILITIG DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR PILITIG DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASESEQ FOR Windows Version 4.0
SEQ ID NO 38
LENGTH: 16
                                                                                                                                                                                                                                                                                                                   Length 16;
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                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-131
                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                96.2%; Score 100; DB 11; 87.5%; Pred. No. 2.1e-07;
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                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-38
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SSCTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 131
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 38, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWICNLFKNQWFCDQL 16
                                                                                                                                                                                    ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 87.59
Matches 14; Conservative
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Gaps

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US-09-825-517A-99
; Sequence 99, Application US/09825517A
; Bublication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: APPLICANT:
; FILE REPERRNCE: DXX.016.1 (3A21.1005-001)
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US/09/825,517A
; PRIOR APPLICATION NUMBER: US 09/541,345
; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               92.3%; Score 96; DB 11; Length 16; 87.5%; Pred. No. 7.7e-07; tive 2; Mismatches 0; Indels
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    Indels
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
    ;
    Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 77
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                         Sequence 77, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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                                                                                            1 DWVCNLFKNOWFCDVM 16
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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    15; Conservative
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US-09-025-517A-43
i Sequence 43, Application US/09825517A
j Sequence 43, Application US/09825517A
j Publication No. US20030203415A1
j GENERAL INFORMATION:
j APPLICANT: Rondon, Issac J
j TITLE OF INVENTION: Robert C
j TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
j TITLE OF INVENTION: ANTIGEN (CEA)
j FILE REPRENCE: DYX-016.1 (3421.1005-001)
j CURRENT FILING DATE: 2003-03-24
j PRIOR FILING DATE: 2000-04-03
j NUMBER OF SEQ ID NOS: 151
j SOUTWARE: FastSEQ for Windows Version 4.0
j SEQ ID NO 43
j LENOTH: 16
j TWAND CONTRAIN: 16
                                                                                                                  Length 16;
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                                                                                                                                                                1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                             Query Match
93.3%; Score 97; DB 11;
Best Local Similarity 93.8%; Pred. No. 5.6e-07;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                         ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-42
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 129
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 129, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                              1 DWVCNLFKNQWFCDVM 16
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ORGANISM: Artificial Sequence
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Best Local Similarity 87.5.
Thes 14; Conservative
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Best Local Similarity
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US-09-825-517A-129
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Query Match
Best Local Similarity
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                                                                                                                                                                                          LENGTH: 16
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                                                                                                                                                                                                              TYPE: PRT
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TYPE: PRT
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                                                                         APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DIX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR PELING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 53
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: ROADON, IBBAC J
APPLICANT: ROADON, IBBAC J
APPLICANT: Ladner, Robbert C
ITILE OF INVENTION: BINDING PEPTIDES FOR CARCINDEMBRYONIC
ITILE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOUTHWARE: PASTSEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 81
LENGTH: 16
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Pred. No. 1.1e-06;
1; Mismatches 0; Indels
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                 Sequence 53, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-825-517A-81

'Sequence 81, Application US/09825517A
'Publication No. US20030203415A1
'GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Matches 14; Conservative
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US-09-825-517A-83
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US-09-825-517A-53
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TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FASEEG for Windows Version 4.0
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING REPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016 1 (3421.1005-001)
CURRENT PRILING DATE: 2003-03-24
RICR FILING DATE: 2003-03-24
RICR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
91.3%; Score 95; DB 11;
Best Local Similarity 87.5%; Pred. No. 1.1e-06;
Matches 14; Conservative 1; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
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; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 52
. LENGTH: 16
; TYPE: PRT
; ORCANISM: Artificial Sequence
; FEATURE:
; OFFERE INFORMATION: CEA binding polypeptide
US-09-825-517A-52
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Query Match 90.4%; Score 94; DB 11; Length 16; Best Local Similarity 100.0%; Pred. No. 1.5e-06; Matches 14; Conservative 0; Mismatches 0; Indels

Search completed: September 8, 2004, 15:58:36 Job time : 44.85 secs

us-09-825-517a-136.rapb

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM protein - protein search, using sw model

September 8, 2004, 12:58:43; Search time 13.3 Seconds (without alignments) 62.106 Million cell updates/sec Run on:

1 DWVCNLFKNQWFCDQM 16 US-09-825-517A-136 104 Title: Perfect score: Sequence: BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

Total number of hits satisfying chosen parameters:

389414 seqs, 51625971 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued Patents AA:*

1. /GgnZ_6/ptodata/2/iaa/5A_COMB.pep:*

2. /GgnZ_6/ptodata/2/iaa/5B_COMB.pep:*

3. /GgnZ_6/ptodata/2/iaa/6A_COMB.pep:*

3. /GgnZ_6/ptodata/2/iaa/6B_COMB.pep:*

5. /GgnZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*

5. /GgnZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*

6. /GgnZ_6/ptodata/2/iaa/PCTUS_COMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	% Query Match	% Query Match Length	DB	ID	Description
	46	44.2	7777	4	TTO - 00 - 0 GE - 0 GO - 0	- 1
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7	45	43.3	480	4	-09-736-457-	
80	45	43.3	480	4,	US-09-614-124B-336	33
σ	45	43.3	480	4	US-09-671-325-336	33
10	45	43.3	480	4	US-09-589-184-336	336,
11	44	42.3	21	4	-60-	Sequence 27, Appl
12	44	42.3	21	4	-09-723	27,
13	44	42.3	215	m	-6('n
14	44	42.3	215	m	-09 - 131	-
15	44	42.3	612	4	9-252	175
16	43.5	41.8	190	Н	US-08-816-241-1	_
17		41.8	190	m	US-09-128-395-1	'n
18	42	40.4	326	7	US-08-671-978A-7	Sequence 7, Appli
19	41	39.4	582	m	-08-	7
20	41	39.4	3033	Н	-07-	œ
21	41	39.4	3033	н	US-07-925-695-9	9
22	40.5	38.9	989	7	US-08-070-301-14	14,
23	40	38.5	51	4	US-09-740-510-2	7
24	40	38.5	109	7		7
25	40	œ,	109	n	US-09-013-780-2	7
26	40	38.5	3033	Ч	-01-	Sequence 5, Appli
27	39.5	8	113	4	US-09-530-903C-4	4

COUNTRY: U.S.A.

ZIP: 20001-4597

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/265,967C
FILING DATE: 27-UN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SAZAH A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 31,141
REFERENCE/DOCKET NUMBER: 01107.46363
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-098-9100

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Query Match 44.2%; Score 46; DB 4; Length 2474; Best Local Similarity 54.5%; Pred. No. 2.5e+02; Matches 6; Conservative 2; Mismatches 3; Indels

GRANISM: Saccharomyces cerevisiae US-08-265-967C-3

MOLECULE TYPE: protein ORIGINAL SOURCE: TYPE: amino acid

TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

2474 amino acids

LENGTH:

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28	39.5	•	286	4	-09-328-352-5022		, Ap
29	39	7	80	4	-09-673-395A-447	447,	App
30	39	7	123	_	-530-010-25	25,	Appl
31		7.	123	~	-484-101B-25	25,	Appl
32	39	۲.	123	e	-714-524D-25	25,	Appl
33	39	7	131	N	08-834-655-9	9	Appli
34	39	7.	131	ო	10	10	Appl
35		7.	131	۳		6	App1i
36	39	37.5	131	4		σ	Appli
37		7.	219	4		20,	App1
38		7.	219	4	-09-227-613-19	19,	Appl
39	39	7	240	0	-08-114-555A-8	8, 7	Appli
40		۲.	240	m	US-08-559-397A-14	14,	Appl
41		7.	287	4	US-09-439-261-13	13,	Appl
42		7	287	4	7-613-14	14,	Appl
43	39	7.	288	4	-261-14	14,	Appl
44		7.	288	4	US-09-439-261-16	16,	Appl
45		7.	288	4	-09-439-261-18	18,	Appl
					ALIGNMENTS		
RESULT	RESULT 1	ď					
2.00.00	700 3 7	-08-283-38/C-3 Semisade 3 Danlication HS/083659670	110/1	c			
, Paten	Patent No. 647	6476200	7007	9			
; GENE	GENERAL INFORMATION:	RMATION:					
, AP	APPLICANT:	SABATINI,		JID	DAVID M.		
; AP	APPLICANT:	ERDJUMENT	- 1	BROMAGE,	GE, HEDIYE		
, AP	APPLICANT:	LUI, MAR					
, AP	APPLICANT:	TEMPST,	PAUL				
; AP	APPLICANT:	SNYDER,	S	S.			
II.	OF.	INVENTION:	MAMMALIAN	E I	PROTEINS THAT B	BP12	
II.	TITLE OF IN	INVENTION:	A NI	2	RAPAMYCIN-DEPENDENT FASHION		
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APPLICANT: TEMPST, PAUL
APPLICANT: SNYDER, SOLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI. LTD
STREET: 1001 G STREET, N.W., 11TH FLOOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 46; DB 4; Length 2474;
Pred. No. 2.5e+02;
2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09137223A; Patent No. 6420525; GENERAL INPORMATION: GENERAL INPORMATION: APPLICANT: Yee, Detisher, Theresa A; TILLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: DE Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/305,790B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/265,967
FILING DATE: 27-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SARAH A.
REGISTRATION NUMBER: 32,141
REGISTRATION NUMBER: 01107.47225
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELES: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 2474 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: Inhear
                                                                                                                                                                                                     SABATINI, DAVID M.
ERDJUMENT-BROMAGE, HEDIYE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Saccharomyces cerevisiae
                                                                                                                                    Sequence 4, Application US/08305790B
Patent No. 6492106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     44.2%;
54.5%;
                                       1223 NILKNAWYCSO 1233
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1223 NILKNAWYCSQ 1233
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Best Local Similarity 54.5
Matches 6; Conservative
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5 NLFKNQWFCDQ 15
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                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: WASHINGTON STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 20001-4597
                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: SABATI
                                                                                                                 US-08-305-790B-4
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US-09-137-223A-2
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Gaps
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MEDIUM TYPE: Diskette
COMPUTER: IDSKette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/OS/828,488
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
; TITLE OF INVENTION: ZGCL-1; FILE REFERENCE: 97-18; CURRENT APPLICATION NUMBER: US/09/137,223A; CURRENT FILING DATE: 1998-08-19; PRIOR APPLICATION NUMBER: 06/056,130; PRIOR FILING DATE: 1997-08-19; NUMBER OF SEQ ID NOS: 16; SCOTO NO 2; SEQ ID NO 2; SEQ ID NO 2; LENGTH: 478; TYPE: PRT: 7; ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Incyte Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: BILLINGS, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0241 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPRAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/08828488 Patent No. 5925521 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 41.7%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 3174 Porter Drive
CITY: Palo Alto
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TYPE: amino acid
STRANDEDNESS: single
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322 EWLSSVYKQQWF 333
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                  1 DWVCNLFKNOWF 12
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APPLICANT: Wang, Aljun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REPERENCE: 210121.478C15
FILE REPERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT APPLICATION NUMBER: 1200-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                        COMPOSITIONS AND METHODS FOR THE THERAPY AND
                                                                                                                                                                                                                                                                                                                                                                                                           Length 480;
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43.3%; Score 45; DB 4;
Best Local Similarity 37.5%; Pred. No. 62;
Matches 6; Conservative 3; Mismatches
                                                                                                                                                       TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 37.5%; Pred. No. 62;
Matches 6; Conservative 3; Mismatches
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Patent No. 6630574
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 336, Application US/09736457; Patent No. 6509448
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Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                400 DMACNFMGDEWFVDSL 415
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                     Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
Fan, Ligun
                                                                                                 Mannion, Jane
Fan, Liqun
                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE: 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Wang, T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-614-124B-336
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US-09-736-457-336
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LENGTH: 480
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LENGTH: 480
                                                       APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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                     Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 43.3%; Score 45; DB Best Local Similarity 37.5%; Pred. No. 62; Matches 6; Conservative 3; Mismatches
Best Local Similarity 37.5%; Pred. No. 62; Matches 6; Conservative 3; Mismatches
                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lial, Preeti
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN SERINE
TITLE OF INVENTION: CARBOXYPEPTIDASE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Incyte Pharmaceuticals, Inc
STREET: 3174 Porter Drive
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0241 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEPHONE: 415-845-4166
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 336, Application US/09702705; Patent No. 6504010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/828,488
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                   Sequence 8, Application US/09299689A Patent No. 6379913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
                                                                                       400 DMACNFMGDEWFVDSL 415
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                                                           1 DWVCNLFKNQWFCDQM 16
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IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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US-09-702-705-336
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                   Matches
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Gaps

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us-09-825-517a-136.rai

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GENERAL INFORMATION:
APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Clark, Ross G.
APPLICANT: Corran, Andrea G.
APPLICANT: Corran, Henry B.
APPLICANT: Expension, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
ITTLE OF INVENTION: INSULIA-LIKE GROWTH FACTOR AGONIST MOLECULES
FILE REFERRACE: P1071P2.rev
CURRENT APPLICATION NUMBER: US/09/337,227C
CURRENT FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/052,888
PRIOR PELING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-331
PRIOR FILING DATE: 1998-03-31
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 27
LENGTH: 21
TYPE: PRT
                    APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C8
CURRENT FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 827
SOFTWARE FASESQ for Windows Version 3.0
SEQ ID NO 336
LENGTH: 480
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
43.3%; Score 45; DB 4; Length 480;
Best Local Similarity 37.5%; Pred. No. 62;
Matches 6; Conservative 3; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Sequence is synthesized ; Patent No. 6420518
US-09-337-227C-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 27, Application US/09337227C
Patent No. 6420518
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Chen, Yvonne May-Yee
APPLICANT: Clark, Ross G.
APPLICANT: Cochran, Andrea G.
APPLICANT: Lowman, Henry B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      400 DMACNEMGDEWFVDSL 415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 WVCNLFKNQWFCDQ 15
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       Vedvick, Tom
Carter, Darrick
Retter, Marc
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Best Local Similarity 42.93
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
US-09-589-184-336
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Fanger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000.09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: RestSEQ for Windows Version 3.0
APELICANT: Fauge.,
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: DIAGNOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REPRENCE: 210121.478C9
CURRENT APPLICATION WOMER: US(09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 336
1.ENGTH: 480
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43.3%; Score 45; DB 4; Length 480;
Best Local Similarity 37.5%; Pred. No. 62;
Matches 6; Conservative 3; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
43.3%; Score 45; DB 4; Length 480;
Best Local Similarity 37.5%; Pred. No. 62;
Matches 6; Conservative 3; Mismatches 7; Indels
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US-09-589-184-336
; Sequence 336, Application US/09589184
; Patent No. 668447;
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; PDILICANT: Lodes, Michael A.
applicant: Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 336, Application US/09671325
Patent No. 6667154
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
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; ORGANISM: Homo sapiens
US-09-671-325-336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-671-325-336
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APPLICANT: Robinson, Iain C.A.F.
APPLICANT: Skelton, Nicholas J.
TITLE OF INVENTION: INCHOLAS J.
FILE REFERENCE: P1071P2C1.2Rev GROWTH FACTOR AGONIST MOLECULES
CURRENT APPLICATION NUMBER: US/09/723,251A
CURRENT FILING DATE: 2000-11-27
PRIOR PILING DATE: 1999-06-22
PRIOR PLILING DATE: US 99/837,227
PRIOR PLILING DATE: US 98/825,852
PRIOR FILING DATE: 1997-04-04
NUMBER OF SEQ ID NOS: 51
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
42.3%; Score 44; DB 4; Length 21;
Best Local Similarity 42.9%; Pred. No. 3.3;
Matches 6; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3. Application US/09131028A

Patent No. 6287866

GENERAL INPORMATION:
APPLICANT: Abbort Laboratories
APPLICANT: Lemmel, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Leomard, Amanda Eun-Yeong
APPLICANT: Leomard, Amanda Eun-Yeong
APPLICANT: Leonard, Amanda Eun-Yeong
FILE REFERENCE: 6004-US-IN
CURRENT FILING DATE: 1998-08-07

PRIOR APPLICATION NUMBER: US/09/131,028A
CURRENT FILING DATE: 1993-05-21

NUMBER OF SEQ ID NOS: 22

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

EENOTH: 215
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APPLICANT: Mukerji, Pradip
APPLICANT: Lemmel, Steven A.
APPLICANT: Leonard, Amanda Bun-Yeong
APPLICANT: Chaudhary, Sunita
TITLE OF INVENTION: BETA-CASEIN EXPRESSING CONSTRUCTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Sequence is synthesized
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US-09-131-028A-13
Sequence 13, Application US/09131028A
Patent No. 6287866
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 WVCNLFKNQWFCDQ 15
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US-09-131-028A-3
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Best Local Similarity
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US-09-723-251A-27
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US-09-131-028A-3
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Gaps

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GENERAL INCORDATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17516
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Pred. No. 1.1e+02;
1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                             4; Indels
                                                                                                                                                                                                                                                                                                              Score 44; DB 3;
Pred. No. 37;
3; Mismatches
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Job time : 14.3 secs
FILE REFERENCE: 6004.US.P1
CURRENT APPLICATION NUMBER: US/09/131,028A
CURRENT FILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: US 08/064,440
PRIOR FILING DATE: 1993-05-21
SUMMBER OF SEQ ID NOS: 22
SOFTWARE: FRACESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 15
US-002-252-991A-17516
; Sequence 17516, Application US/09252991A
; Patent No. 6551795
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US-09-252-991A-17516
                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 46.2%;
Matches 6; Conservative
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Best Local Similarity 75.0%;
Matches 6; Conservative
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                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
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54 WICNLFAN 61
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                                                                                                                                                                  SEQ ID NO 13
LENGTH: 215
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September 8, 2004, 14:25:19 ; Search time 43.85 Seconds
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114.961 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
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4: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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99
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Sequence 82, Appl		122,	140,	67,	16,	86,	101,	139,	150,	54,	59,		105,	138,	143,	106,		65,		78,	91,	130	70,	100	127	18,	23,	33,	Sequence 56, Appl
US-09-825-517A-82	US-09-825-517A-112	US-09-825-517A-122	US-09-825-517A-140	US-09-825-517A-67	US-09-825-517A-76	US-09-825-517A-86	US-09-825-517A-101	US-09-825-517A-139	US-09-825-517A-150	-60	US-09-825-517A-59	US-09-825-517A-60	825-	US-09-825-517A-138	-60	US-09-825-517A-106	US-09-825-517A-115	US-09-825-517A-65	US-09-825-517A-141	9	US-09-825-517A-91	US-09-825-517A-130	US-09-825-517A-70	-825-5177	US-09-825-517A-127	US-09-825-517A-18	US-09-825-517A-23	t	US-09-825-517A-56
11	11				11	11	11	11	11	11	11	77	1	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
77.8	77.8	77.8	77.8	76.8	76.8	76.8	76.8	76.8	76.8	75.8	75.8	75.8	75.8	75.8	75.8	74.7	74.7	73.7	73.7	72.7	72.7	72.7	71.7	71.7	71.7	70.7	70.7	70.7	70.7
77	77	77	17	97	97	16	26	26	92	75	75	75	75	75	75	74	74	73	73	72	72	72	71	71	71	70	7.0	20	7.0
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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                                                                                       APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR FILING DATE: 2003-03-03-24
PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 99; DB 11;
100.0%; Pred. No. 1.1e-07;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 135
LENGTH: 16
                  Sequence 135, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 49, Application US/09825517A Publication No. US20030203415A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DWVCEFDKLOWVCNVL 16
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Best Local Similarity
Matches 16; Conserv
US-09-825-517A-135
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us-09-825-517a-135.rapb

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TYPE: PRT
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 49
LENGTH: 16
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APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 16;
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83.8%; Score 83; DB 11; Length 16
Best Local Similarity 81.2%; Pred. No. 2.3e-05;
Matches 13; Conservative 1; Mismatches 2; Indels
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Local Similarity 81.2%; Pred. No. 2.3e-05;
Nes 13; Conservative 1; Mismatches 2; Indels
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APPLICANT: Laddner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
TITLE OF INVENTION: ANTIGEN (CEA)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 118, Application US/09825517A; Publication No. US20030203415A1; GENERAL INFORMATION:
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US-09-825-517A-118
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; Publication No. US20030203415A1
; Publication No. US20030203415A1
; GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
; APPLICANT: Ladner. Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC;
TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX.016.1 (3421.1005.001)
; CURRENT FILING DATE: 2003-03-24
; PRIOR FILING DATE: 2003-03-24
; PRIOR FILING DATE: 2000-04.03
; NUMBER OF SEQ ID NOS: 151
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 151
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83.8%; Score 83; DB 11; Length 16
Best Local Similarity 81.2%; Pred. No. 2.3e-05;
Matches 13; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-151
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APPLICANT: Rondon, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/821,345
PRIOR FILING DATE: 2000-04-03
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81.2%; Pred. No. 2.3e-05;
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                                                NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 133
LENGTH: 16
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SOFTWARE: FastSEQ for Windows Version 4.0
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
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Best Local Similarity 81.2
Matches 13; Conservative
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US-09-825-517A-151
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LENGTH: 16
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RESULT 10
US-09-825-517A-104
is Sequence 104, Application US/09825517A
is Sequence 104, Application US/09825517A
is Publication No. US20030203415A1
is GENERAL INFORMATION:
APPLICAMT: Rondon, Issac J
ittle OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ittle OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
ittle OF INVENTION: MANTIGEN (CEA)
ittle REPERENCE: DYX-016.1 (1421.1005-001)
CURRENT FILING DATE: 2003-03-24
irde APPLICATION NUMBER: US 09/541,345
irde APPLICATION NUMBER: 2009-04-03
invente OF SEQ ID NOS: 151
is SOFTWARE: FastSEQ for Windows Version 4.0
is SEQ ID NO 104
ilength: 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79.8%; Score 79; DB 11; Length 16; 81.2%; Pred. No. 8.8e-05; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                           APPLICANT: RONGON, Issac J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: CEA binding polypeptide US-09-825-517A-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 75 LENGTH: 16
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US-09-825-517A-75
Sequence 75, Application US/09825517A
Publication No. US20030203415A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                                              1 DWVCEFDKLQWVCNVL 16
                                                                                       1 DWVCEYDKGOWHCNIL 16
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Matches 13; Conservative
12; Conservative
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  Matches
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Publication No. US2000203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

TITLE OF INVENTION: BINDING PRETIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)

FILE REFERENCE: DX.*016.1 (3421.1005-001)

CURRENT FILING DATE: 2003-03-24

PRIOR APPLICATION NUMBER: US 09/541,345

PRIOR PILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 151

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 80

LENGTH: 16
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SERVICANT: Rondon, ISSAC J
APPLICANT: Ladner, Robert C
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT PILING DATE: 2003-03-24
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 88
LENGTH: 16
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                                                                                                                       Length 16;
                                                                                                                                                                     2; Indels
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6.3e-05;
                                                                                                                       82.8%; Score 82; DB 11;
68.8%; Pred. No. 3.2e-05;
tive 3; Mismatches 2;
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, OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-88
                          FEATURE:
; OTHER INFORMATION: CEA binding polypeptide
US-09-825-517A-107
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Pred. No.
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ORGANISM: Artificial Sequence
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    ORGANISM: Artificial Sequence
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DWVCEYAKFQWICNIL 16
                                                                                                                                            Best Local Similarity 68.8
Matches 11; Conservative
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Best Local Similarity
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US-09-825-517A-80
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RESULT 14
US-09-825-517A-137
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                                                        y cayacture 114, Application US/09825517A
y bublication No. US20030203415A1
general information:
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION: NUMBER: US/09/825,517A
CURRENT FILIAGE DATE: 2003-03-24
PRIOR PILICATION NUMBER: US 09/541,345
PRIOR PRIOR DATE: 2000-04-03
SOFTWARE: PSSCE OF NOS: 151
SOFTWARE: PSSEERE OF Windows Version 4.0
SEQ ID NO 114
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 147, Application US/09825517A;
Publication No. US20030203415A1;
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J;
APPLICANT: Ladner, Robert C;
ITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: ANTIGEN (CEA);
FILE REPERBENCE: DYX-016.1 (4421.1005-001);
CURRENT APPLICATION NUMBER: US/09/825,517A;
PRIOR APPLICATION NUMBER: US 09/541,345;
PRIOR FILING DATE: 2000-04-03;
NUMBER OF SEQ ID NOS: 151;
SOFTWARE: FastSEQ for Windows Version 4.0;
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 79.8%; Score 79; DB 11; Length 16; Best Local Similarity 75.0%; Pred. No. 8.8e-05; Matches 12; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 79.8%; Score 79; DB 11; Length 16; Best Local Similarity 81.2%; Pred. No. 8.8e-05; Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: Synthetic 16-mer microprotein analogue
US-09-825-517A-147
                                             Sequence 114, Application US/09825517A Publication No. US20030203415A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-825-517A-125

Sequence 125, Application US/09825517A

Publication No. US20030203415A1

GENERAL INFORMATION:
APPLICANT: Rondon, Issac J

APPLICANT: Ladner, Robert C
                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 DWVCEFDKLOWVCNVL 16
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RESULT 11
US-09-825-517A-114
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Publication No. US20030203415A1
GENERAL INFORMATION:
APPLICANT: Rondon, Issac J
APPLICANT: Rondon, Issac J
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
TITLE OF INVENTION: AUTICEN (CEA)
FILE REFERENCE: DXX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: US/09/825,517A
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 137
LENGTH: 16
TYPE: PRT
CREANISM: Artificial Sequence
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; Publication No. US20030203415A1
; GENERAL INFORMATION:
; APPLICANT: Rondon, Issac J
; APPLICANT: Ladner, Robert C
; TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC
; TITLE OF INVENTION: ANTIGEN (CEA)
; FILE REFERENCE: DYX-016.1 (3421.1005-001)
; CURRENT APPLICATION NUMBER: US/09/825,517A
; CURRENT FILING DATE: 2003-03-24
; PRIOR FILING DATE: 2000-04-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 78.8%; Score 78; DB 11; Length 16; Best Local Similarity 75.0%; Pred. No. 0.00012; Matches 12; Conservative 2; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            78.8%; Score 78; DB 11; Length 16; 75.0%; Pred. No. 0.00012; tive 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                   ) OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-125
TITLE OF INVENTION: BINDING PEPTIDES FOR CARCINOEMBRYONIC FITLE OF INVENTION: ANTICAEN (CEAS.)
FILE REFERENCE: DYX-016.1 (3421.1005-001)
CURRENT APPLICATION NUMBER: US/09/825,517A
CURRENT APPLICATION NUMBER: US/09/825,517A
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR APPLICATION NUMBER: US 09/541,345
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 151
SOFFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic 16-mer microprotein analogue US-09-825-517A-137
                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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Best Local Similarity 75.0%,
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